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27 July 1979

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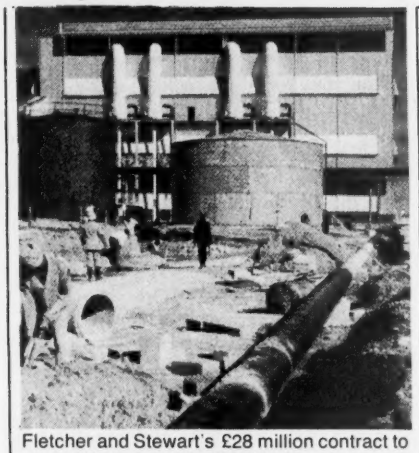

Fletcher and Stewart's £28 million contract to extend the factory it built for the Mumias Sugar Company in Kenya is backed by the Export Credits Guarantee Department which this week celebrates 60 years' service (see page 201). Photo: John Lawrence.

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Trade and Industry this week

HOME

Private ownership in BAe proposed

Shares in British Aerospace are to be made available to private ownership. Industry secretary Sir Keith Joseph told parliament on Monday that legislation will be introduced before the end of the year to permit this policy to be carried out. The government intends to retain a shareholding of about half.

Sir Keith said, 'British Aerospace, with its spread of interests embracing civil and military aircraft as well as guided weapons and space systems, makes a substantial contribution to both our national economy and our national defence. Despite the fierce competition in this international industry, I am confident that our industry has the talents and skills to flourish. In the years ahead it will generate large internal funds, but substantial external funds will also be required.'

The government proposed that British Aerospace should in future operate within the framework of the companies acts, he said. The ownership of the industry would therefore be transferred from the present statutory corporation to a company incorporated under the companies acts. Initially the shares in that company would be held by the government, which will then make shares available to private ownership but with a limit on overseas holdings. Employees will be given a special opportunity to buy shares. The government intend to retain a shareholding of about half.

The change to company status would not result in any alteration to the present business; its assets, liabilities and contracts would all be transferred to the new company. Sir Keith also hoped to secure continuity in management at board level.

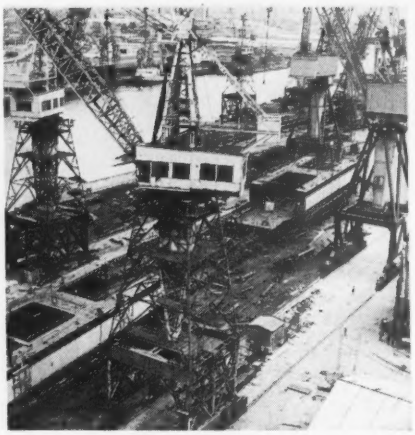
The government looked to the company to obtain the external funds it needed from commercial sources, although it would retain the power to provide funds on commercial terms, if this proved necessary. On that basis, he said, the government would not expect to intervene in the administration of the company as a commercial concern.

Legislation would be introduced before Christmas to permit these policies to be carried out. A number of alternative courses had been considered, including the introduction of private capital into the Dynamics Group business. While the legislation would not exclude this, the government's strong preference is to maintain the present structure of the industry, Sir Keith said.

Late deliveries

We apologise to those subscribers who have been experiencing delays in receiving their copies of 'Trade and Industry' in recent weeks. The delays are the result of an industrial dispute at HMSO.

. . . and shipbuilding support to continue



The government is prepared to put public funds, for a two-year period, behind British Shipbuilder's own efforts to achieve viability. It was considering further the most appropriate means of financing the corporation Adam Butler, Minister of State for Industry, told parliament on Monday.

At the end of last year, Mr Butler said, British Shipbuilders put their plans for dealing with this grave situation to the previous administration, advising in effect contraction in merchant shipbuilding from the present 630 000 tons to an annual rate of some 430 000 tons by March 1981, with a reduction of manpower from 28 000 to around 20 000. Substantial over-capacity exists worldwide and at present there appears to be no early prospect of recovery.

One of the government's early acts on taking office was to seek a renewal of the intervention fund, he said. It was now making proposals for a fund of £120 million to cover the next two years. In putting these proposals to the commission he had had to say that the capacity of 430 000 tons was the highest figure that could be retained in 1981 in the government's view.

In addition to the intervention fund, the government would pursue other measures of support. It was ready to take part in a community scrap and build scheme providing that it was cost-effective; it was proposing credit for conversions by UK ship owners, and would support improved credit terms in current OECD discussions; and it would advance public sector orders where practicable.

The government would give British Shipbuilders a nil commencing capital debt. It was considering further the most appropriate means of financing the corporation, said Mr Butler. In the meantime, British Shipbuilders would continue to be financed on an interim basis from the national loans fund.

It was unavoidable that contraction would occur mostly in localities where unemployment was already high, he said. For the most part the shipbuilding industry is located in special development areas and the government was concentrating its regional industrial assistance on these areas. To help alleviate hardship to individual workers and their families the government had extended the special redundancy payments scheme to the full period authorised by the Shipbuilding Redundancy Payments Act.

'Prospects depend on the ability to win orders within the limits of the substantial financial assistance which the government is making available,' Mr Butler added. 'For the future, we attach particular importance to the prospect of British Shipbuilders achieving high levels of efficiency and productivity and of their being able to compete, without subsidy, when the recession is over, in what is still likely to be a very tough world. We are prepared to put public funds, for a two-year period, behind the industry's own efforts to achieve viability.'

Regional planning councils to close

The government is to abolish the eight English regional economic planning councils set up in 1964 and 1965. Announcing this during the regional policy debate in parliament on Tuesday, Sir Keith Joseph, Secretary of State for Industry, said that the government was satisfied that the councils would be disbanded, 'without detriment to the government's continued awareness and assessment of regional problems'.

Since these councils were non-statutory and had no executive responsibilities, he said that it would be convenient for all concerned to disband them during the relatively inactive summer period, without waiting for the wider outcome of the government's review of the public bodies to which ministers appointed members. The Secretary of State for the Environment had therefore decided to close them down during the recess.

The regional planning boards of officials would continue in being, under the chairmanship of the Department of the Environment regional directors. In addition to their close working relationships with local authorities, the boards would maintain all other appropriate advisory contacts in the regions, by less cumbersome means and with continued involvement of locally elected authorities.

Merchant Shipping Act takes effect

Several important provisions of the Merchant Shipping Act 1979 are being brought into force on 1 August. Norman Tebbit, Parliamentary Under-Secretary of State, Department of Trade, this week signed the first commencement order to be made under the act, which received royal assent in April.

Under the order, various provisions of the act will come into force on 1 August or 1 October 1979 or 1 January 1980. The remaining sections will be activated at a later stage.

Provisions enacted by the order include restriction of a shipowner's ability to limit his liability to crew members for injury and loss of life; the attachment of earnings of seamen for maintenance orders; and the setting up of the Pilotage Commission. It empowers a wide range of fines to come into force on 1 January 1980.

The order also introduces powers to make regulations covering safety and health at sea and the prevention of marine pollution which will enable the United Kingdom to ratify various international conventions of the Inter-Governmental Maritime Consultative Organisation. It is expected that a number of conventions will be ratified in the next few months.

NEDC's first annual report

For the first time National Economic Development Council has published an annual report. The report, for the year 1978-79, was published yesterday (26 July). It outlines the activities of the council, the economic development committees, sector working parties and the National Economic Development Office.

The council met 10 times during the year, twice with the Prime Minister in the chair. The Chancellor of the Exchequer took the chair for the remaining meetings, except for three occasions when the Chancellor of the Duchy of Lancaster deputised. Most of the papers prepared for the council were subsequently made publicly available.

A wide range of economic and industrial issues was discussed during the year, the dominant theme being the need to improve the competitive performance of UK manufacturing industry. Within this framework, consideration was given both to broad questions of macroeconomic policy as they affected industrial performance and development and to the problems and opportunities of particular manufacturing sectors.

Among the wider issues considered were the opportunities offered by the growing North Sea oil supplies and revenues, including the implications for the exchange rate, exchange control and tax policy. Growing import penetration in manufacturing industry was discussed on a number of occasions; this was perceived as an aspect of the wider problem of the competitiveness of UK manufacturing industry. Generalised import controls were seen by all parties to the council as an inappropriate response, although the use of controls on a selective and temporary basis might be necessary in individual cases.

Lloyds offer loans advice package to small firms

Loan schemes offering from £5,000 to £250,000 are featured in a package of help and advice for small and medium-sized businesses introduced by Lloyds Bank on Tuesday. David Mitchell, Parliamentary Under-Secretary of State at the Department of Industry, welcomed the initiative at a meeting with Lloyds Bank on Wednesday.

Lloyds' 'asset' loan scheme is to help businesses to acquire equipment or vehicles and to buy or improve premises or any other capital asset. It offers from £5,000 to £25,000, for up to five years and the interest is on a flat rate basis with fixed monthly repayments. In character it is similar to a personal loan and is a direct alternative to hire purchase.

Funds – up to 100 per cent – for business expansion, mainly for the purchase of fixed assets are provided by an 'enterprise' loan scheme. It offers from £25,000 to £250,000, or more in exceptional cases. The normal maximum term will be 10 years, although again exceptional cases could be longer. The interest rate will be calculated at 3 per cent to 5 per cent over base rate, with repayments on a fixed instalment basis. There is also provision for 'interest holidays' of up to a year.

An additional feature of the enterprise loan is that the Lloyds Bank business advisory service may be brought in free of charge to analyse the needs of loan applicants seeking larger amounts whenever this will help the bank and the customer.

Supporting the two loan schemes will be the first two publications in a new Lloyds Bank finance series: 'Starting your own business' and 'Making a small business bigger'. A third booklet to help would-be exporters will be issued later in the year. Fifty seminars on the theme 'How to build a better business' are to be organised throughout England and Wales during the autumn and spring.

No change in jobless level

Although unemployment rose between mid-June and mid-July, seasonally adjusted figures excluding school leavers fell slightly.

Figures for 12 July released by the Department of Employment on Tuesday show an increase of 48 361 adults. There were also 71 756 more school leavers, though the number joining the register was smaller than last year. Total unemployed on 12 July numbered 1 463 982.

The seasonally adjusted figure, excluding school leavers, was 1 278 700 – compared with 1 279 600 on 14 June.

Notified vacancies fell during the month.

House survey scheme should reduce costs

After discussions with the Office of Fair Trading, the Building Societies Association (BSA) is recommending to its members a simultaneous valuation and structural surveying scheme for potential house buyers. Gordon Borrie, Director General of Fair Trading, welcoming the scheme, said on 23 July: 'This should save money for a buyer who requires a detailed structural survey as in many cases there need be only one professional visit to the property instead of two.'

Some building societies provide this service already, but until now there have been no recommended procedures for the societies to follow. Nor were house purchasers generally made aware that such a facility existed.

The BSA has now recommended that its members should be willing to consider having either the valuer for the society carry out a structural survey for the applicant or having the valuation carried out by a surveyor proposed by the applicant, where that surveyor is acceptable to the building society. Under the arrangements the building society and the purchaser will each receive a separate report.

House purchasers interested in the facility will need to advise the building society at an early stage before the society arranges its valuation. It is up to the purchaser to discuss the scope of the survey and a reduced fee direct with the surveyor appointed.

ECGD insures exports worth £14,000m

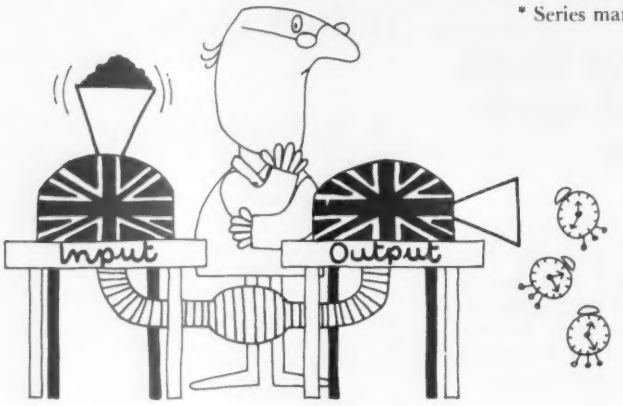
The value of UK exports insured by the Exports Credit Guarantee Department rose to a total of £14,515 million in the year ending 31 March. Provisional figures released by the department on Tuesday show that this was more than 12 per cent higher than the previous year and maintained ECGD's 33 per cent share of all UK exports.

Claims paid by ECGD also reached a new peak of £134 million, a 42 per cent increase over the previous 12 months. The number of UK exporters holding the department's guarantees was the highest ever at 12 318, an increase of over 600 policyholders in a year.

Announcing these results on the ECGD's sixtieth anniversary on Tuesday, Minister for Trade Cecil Parkinson said: 'They illustrate the true dimension of ECGD's unique and continuing role in supporting British exports. If the large claims payments strike a chilling note, by reminding us of the hazards of exporting in an uncertain world, they also demonstrate the extent to which ECGD can and does carry risks which would otherwise fall heavily on our exporters.' He added that ECGD had been performing 'this invaluable service' for just on half a century at no cost to the taxpayer. Mr Parkinson reviews the work of ECGD on page 201.

Economic indicators at a glance

* Series marked with an asterisk are not seasonally adjusted.



Output

Gross domestic product. The output measure of gdp fell by 1 per cent between fourth quarter 1978 and first quarter 1979, largely as a result of bad weather and industrial disputes, especially in the road haulage industry. Manufacturing output fell by 1 per cent and the output of the construction industry, particularly dislocated by the severe weather, dropped 10 per cent. These falls were partially offset by a rise in the output of both the gas, electricity and water industries and the mining and quarrying industries, the latter incorporating the steady growth in North Sea oil production. Within the service industries, also affected by the bad weather and industrial disputes, the fall in output of the transport industries was 6 per cent.

Index of industrial production. Provisional estimates for the first five months of 1979 suggest that, in total, the underlying level of industrial output remained much the same as it was in summer 1978, a reduction in manufacturing industries' output being broadly offset by an increase in the output of the energy sector. The provisional estimate for all industries in May is 113.9 (1975 = 100).

Consumers' expenditure

Consumers' expenditure on the first preliminary estimate, rose by 3½ per cent in second quarter 1979. There were increases in expenditure in all areas of retail sales and in particular on durable goods. Expenditure on vehicles and alcoholic drink also showed a large increase while that on fuel and light fell sharply. Expenditure in the latest two quarters taken together rose by 3 per cent and was 5½ per cent higher than a year earlier.

Retail sales. The provisional index for the volume of retail sales in June was at a record high level as a result of both pre-budget spending and high sales before the increase in VAT, announced in the budget, took effect. The increase in sales was particularly marked in non-food shops with trade in durable goods shops especially high. (The provisional index for June is, however, subject to a greater than usual margin of uncertainty.) Trade in the first half of 1979 is provisionally estimated to have been 2 per cent above that for the second half 1978.

Prices and costs

Wholesale price index* (provisional) for materials and fuel purchased by manufacturing industry rose by just over ½ per cent in June, somewhat less than in the previous months of the year. In the latest three months the index increased by 5½ per cent and was 9½ per cent higher than a year earlier. The index for materials, excluding crude oil, purchased by the non-food, drink and tobacco manufacturing industries, fell by ¾ per cent in June but in the latest three months rose by 3¼ per cent. The index for wholesale output prices for home sales of manufacturing industries has been rising much faster since the beginning of the year than in 1978 and in June rose by 1¾ per cent. Higher prices for petroleum products were a major cause of the increase. In the latest three months the index increased by 4 per cent and was 10½ per cent higher than a year earlier.

Retail prices index* rose sharply, by 1¾ per cent in June. Over a third of the increase was due to rises in the prices of food, particularly milk and bread. Higher petrol prices and the reduction in tax relief on mortgage interest payments also added to the increase in the index. The year-on-year increase rose again to reach 11.4 per cent in June. The budget changes to indirect taxes are expected to add about 3½ per cent to the RPI by the end of this year. The first stage, about 3 per cent, should be reflected in the index for July.

Terms of trade.* In the second quarter 1979 export prices rose faster than those of imports and the terms of trade index rose by ½ per cent on the previous quarter and by 3 per cent on a year earlier.

UK competitiveness, measured by normalised unit labour costs, worsened again in 1978 Q4 as sterling continued to rise.

Investment

Manufacturing industry's volume of fixed investment (revised figures) fell by less than 1 per cent in the six months ending 31 March but was 4½ per cent higher than a year earlier. However, excluding the iron and steel industry, investment increased by 1 per cent in the latest two quarters and was 9½ per cent higher than a year earlier.

Distributive and service industries' volume of fixed investment (excluding shipping) rose by about 2½ per cent in 1979 Q1.

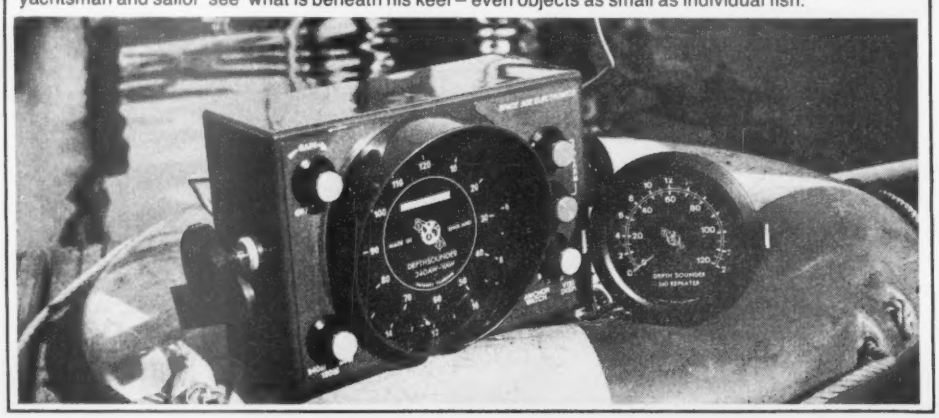
The DoI investment intentions survey carried out in April/May confirms the results of the previous surveys which indicated a further increase in 1979 in the volume of investment by both manufacturing industry and the distributive and service industries (excluding shipping). It also supports the previous expectation that the upward trend in investment will continue in 1980 for the distributive and service industries but probably not for manufacturing. The volume of investment by manufacturing, which rose by 7 per cent in 1977 and 8 per cent in 1978, is expected to increase by 2 to 5 per cent in 1979 (against 4 to 8 per cent expected by the December survey), with possibly a slight fall in 1980. Investment by the distributive and service industries (excluding shipping) is expected to rise in 1979 for the fourth consecutive year. The latest information indicates that the outcome is likely to be in the range 5 to 7 per cent, with a further increase of similar magnitude in 1980.

Incomes

Real personal disposable income (RPDI) was unchanged in first quarter 1979 but was 7½ per cent higher than a year earlier. The savings ratio fell to 15 per cent – about the average for the year ended first quarter 1979.

Average gross earnings* (new series not seasonally adjusted) rose by about 1½ per cent in May although the year-on-year increase fell slightly from 13.5 per

The Depthsounder 240, manufactured by Space Age Electronics, London, will help the yachtsman and sailor 'see' what is beneath his keel – even objects as small as individual fish.



cent to 13.2 per cent. By May about half of these workers covered by major agreements had settled and received increases, slightly fewer than a year earlier. Average earnings have increased by 9¾ per cent in the current pay round compared with 10½ per cent at the corresponding time last year, still suggesting that the outcome of the present pay round will be much the same as last year's.

Labour

Unemployment on 12 July. Although unemployment rose between mid-June and mid-July, seasonally adjusted figures excluding school leavers fell slightly. Figures for 12 July show an increase of 48 361 adults. There were also 71 756 more school leavers, though the number joining the register was smaller than last year. Total unemployed numbered 1 463 982. The seasonally adjusted figure, excluding school leavers, was 1 278 700 compared with 1 279 600 on 14 June. Notified vacancies fell during the month.

Companies

Gross trading profits of industrial and commercial companies, excluding those engaged in North Sea oil and gas activities and net of stock appreciation, fell by over 20 per cent in first quarter 1979 as a result of the severe weather and industrial disputes. In the latest two quarters combined, profits were 6½ per cent lower than a year earlier.

Liquidity of the (large) industrial and commercial companies replying to the DoI's company liquidity survey fell appreciably in the first quarter 1979, bringing their net current assets and liquidity ratio to the lowest levels since mid-1977. Liquidity has now fallen for three consecutive quarters, after rising strongly from the third quarter 1977 to the second quarter 1978.

Net borrowing requirement of industrial and commercial companies of £3 billion in the six months ending March 1979 (£2.8 billion in the first quarter of 1979) was £0.8 billion higher than the deficit of £2.2 billion indicated by the net acquisition of financial assets. This is the highest net borrowing requirement recorded over a six-month period since 1974, partly reflecting the industrial disruption in the first quarter.

Balance of payments

Current account of balance of payments in the first half of 1979 was in deficit by £1,018 million. The latest figures have been distorted by the effects of the road haulage dispute and the irregular flow of information to Customs and Excise. On a 'distortion-free' basis the current account, with an erratically high level of imports, is likely to have been in deficit by around £1.9 billion in the first half 1979. There was a recorded deficit of £1,742 million on visible trade in the first half of 1979 (£290 million a month) compared with a deficit of £406 million (£68 million a month) in the second half of 1978. The projected surplus on invisibles in the first half of 1979 of £724 million contains a lower figure for the second quarter reflecting higher net contributions to the EEC.

UK official reserves* (revalued in March at market related rates) rose by $538 million in June to a record level of $22,070 million. There was also a net repayment of $50 million by the public sector under the exchange cover scheme.

Volume of trade. In the first half of the year the volume of exports was 2 per cent below the level of the second half of 1978. A lower level of deliveries to Iran and Nigeria contributed to this weak performance but even allowing for this there has been some deterioration in the upward trend in export volume so far this year. The volume of imports has increased sharply in the same period with large increases in imports of chemicals and road vehicles.

DoT's survey of short-term export prospects, based on replies received from 57 large exporting companies, suggests that the total volume of UK visible exports will rise by about 2 per cent in 1979, a slower growth rate than the 3½ per cent in 1978. A rise in volume of 5 to 6 per cent is expected in the second half of 1979, following the fall in volume of 2 to 3 per cent in the first half of 1979. Respondents expected the year-on-year rise in export prices to be 13 per cent in the rest of 1979 compared with 9½ per cent in the first quarter and around 4 per cent in 1978.

Exchange rate

Effective sterling exchange rate* index rose during the week to 72.8 – the highest level for 3½ years – by the close on Thursday 19 July (December 1971 = 100).

Finance

Public sector borrowing requirement (PSBR) fell to £2.6 billion in the fourth quarter of the financial year 1978-79. The PSBR for the full financial year amounted to £9.2 billion.

Domestic credit expansion was quite large during the banking month to mid-June and in the previous two months. In June the central government borrowing requirement was high but this was more than offset by substantial net purchases of government debt by the UK non-bank private sector: there were high sales of gilts – including instalment proceeds from a previous new issue – and sizeable purchases of Treasury bills. Bank lending in sterling to the private sector, which has more than accounted for the large DCE since the beginning of the year, grew strongly again in June – by £0.9 billions.

Sterling M3 rose by 1.1 per cent during June. The rise in £M3 of £0.6 billion was less than domestic credit expansion mainly because the banks' non-deposit liabilities rose strongly (ie their liabilities to shareholders). External and foreign currency finance showed little change this month. The increase in the reserves was offset by a further rise in overseas residents' sterling deposits and overseas holding of public sector debt. In the eight months since mid-October 1978 £M3 grew by 13.3 per cent at an annual rate – somewhat above the old guidelines. The new guidelines for the growth of £M3 from mid-June 1979 to mid-April 1980 are 7 to 11 per cent at an annual rate.

Bank of England minimum lending rate (MLR) – 14 per cent, effective from 13 June.

Exchange rates

The bank note rates of exchange in London on 20 July are given below. Supplied by Thomas Cook Bankers Ltd, the rates are intended as a guide only and are subject to fluctuation. OECD countries are shown in bold.

		You buy at	You sell at
Afghanistan	Afghani	125	145
Andorra	(See France/ Spain)	—	—
Antigua	E. Caribbean dollar	5.50	5.70
Argentina	Peso	2 800	3 500
Australia	**Dollar**	**2.0150**	**2.075**
Austria	**Schilling**	**29.85**	**31.85**
Bahamas	Dollar	2.12	2.27
Bahrain	Dinar	0.86	0.89
Barbados	Dollar	3.96	4.29
Belgium	**Franc**	**68.40**	**71.90**
Belize	Dollar	4.30	4.87
Benin	CFA	481	501
Bermuda	Dollar	2.10	2.24
Bolivia	Peso	46	56
Botswana	Pula	2.10	2.40
Brazil	Cruzeiro	65	81
Brunei	Dollar	4.83	5.03
Cameroon	CFA	481	501
Canada	**Dollar**	**2.63**	**2.70**
Chile	Peso	77	92
China	Ranimbi Yuan	Refer	Refer
Colombia	Peso	88	104
Costa Rica	Colon	19.50	21.50
Cyprus	Pound	0.76	0.80
Denmark	**Krone**	**11.70**	**12.20**
Dominica	E. Caribbean dollar	5.50	5.70
Ecuador	Sucre	59	69
Egypt	Pound	1.68	1.82
Eire	**Pound**	**1.065**	**1.105**
Fiji	Dollar	1.85	1.93
Finland	**Markka**	**8.63**	**8.98**
France	**Franc**	**9.50**	**9.91**
Germany, FR of	**Deutschmark**	**4.08**	**4.30**
Gibraltar	Pound	1.00	1.03
Greece	**Drachma**	**78**	**83**
Grenada	E. Caribbean dollar	5.50	5.70
Guyana	Dollar	10.00	Refer
Hong Kong	Dollar	11.50	11.93
Iceland	**Krona**	**855**	**885**
Indonesia	Rupiah	1 300	1 700
Iran	Rial	255	Refer
Iraq	Dinar	0.85	0.92
Israel	Pound	54	60
Italy (20 000 and smaller)	**Lira**	**1 825**	**1 910**
Japan	**Yen**	**495**	**520**
Jordan	Dinar	0.685	0.725
Korea	Won	1 200	1 600
Kuwait	Dinar	0.615	0.645
Lebanon	Livre	7.50	8.00
Liberia (see USA)		—	—
Libya	Dinar	0.90	1.25
Luxembourg (see Belgium)	**Franc**	**68.40**	**71.90**
Madeira (see Portugal)	Escudo	106	111
Malaysia	Dollar	4.82	5.04
Malta	Pound	0.76	0.79
Mauritius	Rupee	12.20	14.05
Mexico	Peso	48	58
Monaco (see France)	Franc	—	—
Netherlands	**Guilder**	**4.49**	**4.72**
New Zealand	**Dollar**	**2.19**	**2.28**
Nigeria	Naira	2.40	Refer
Norway	**Krone**	**11.32**	**11.77**
Oman	Rial	0.7675	0.8125
Pakistan	Rupee	Refer	Refer
Peru	Sol.	480	610
Philippines	Piso	15.50	18.50
Portugal	**Escudo**	**105**	**111**
Qatar	Rial	8.36	8.71
Saudi Arabia	Rial	7.65	8.00
Seychelles	Rupee	12.87	13.35
Sierra Leone	Leone	2.35	2.60
Singapore	Dollar	4.70	4.94
South Africa	Rand	2.04	2.24
Spain	**Peseta**	**147**	**154**
Sweden	**Krona**	**9.47**	**9.87**
Switzerland	**Franc**	**3.70**	**3.92**
Syria	Pound	9.50	10.50
Taiwan	Dollar	85	105
Thailand	Baht	40.00	46.00
Trinidad and Tobago	Dollar	5.60	6.70
Turkey	**Lira**	**98**	**102**
Uganda	Shilling	Refer	Refer
United Arab Emirates	Dirham	8.59	8.94
USA	**Dollar**	**2.27**	**2.33**
Venezuela	Bolivar	9.25	10.75
Yemen Arab Republic	Rial	12	15
Yugoslavia	Dinar	42.25	44.25
Zambia	Kwacha	4.50	Refer

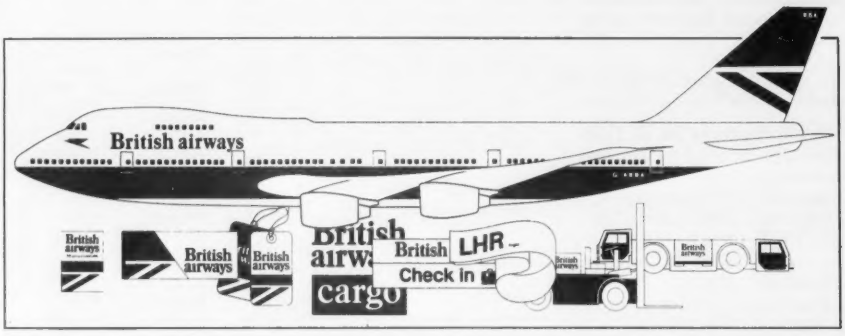
Where more than one rate applies to a currency, the rate given is that for small denomination notes.

More information

For a backrun of figures for some of these indicators see 'The economy: selected indicators', page 214. Inquiries on any of these indicators should be addressed to Economics and Statistics Division 4B, Departments of Industry and Trade, Room 173, 1 Victoria Street, London SW1H 0ET, tel. 01-215 3453.

Home news

New financial structure proposed for British Airways



Proposals for a new capital structure for British Airways with 'a substantial minority shareholding' being offered for sale were announced by Secretary of State for Trade John Nott on 20 July.

In a statement to parliament, Mr Nott said that British Airways had embarked on a major programme of fleet replacement and expansion and he believed that it had excellent growth prospects. 'As our principal national carrier, it is operating in an increasingly competitive market and, while the world energy situation creates considerable uncertainties, I am nonetheless confident that the airline with the government's full encouragement will face these challenges successfully,' he said.

Mr Nott told the house that there must be some flexibility about the rate of expansion in the face of those uncertainties. Nevertheless, the present appraisal was that British Airways would require a substantial increase in capital investment from both internal and external sources over the next few years in order to meet its objectives. For this reason he had been looking at its capital structure and financial requirements.

Mr Nott went on to give his views and proposals. He explained that the government was concerned to give British Airways the most effective form of organisation for carrying out its programme in response to the changing demands of the market rather than on the basis of government targets and support.

He proposed that the framework of the companies acts should be used to provide British Airways with a new capital structure and that a substantial minority shareholding in the enterprise should be offered for sale to the public. The government would give up control, for example, over British Airways' investment programme and it would in future satisfy its financial requirements from capital markets both at home and overseas.

He added that his proposal did not involve a separate disposal of any part of British Airways. Special arrangements would be made to enable employees of British Airways to take up shares in the enterprise should they wish to participate in its future and share in its growth. He envisaged the fullest possible process of consultation with the airline's management and employees.

Mr Nott said that he would put forward proposals later in the year for the legislation which would be required. The timing of any issue of shares would depend on market and other circumstances.

Finally he told the house that he would also set out the government's thinking on the licensing provisions administered by the Civil Aviation Authority. 'I can say now, however, that there will be no arbitrary reallocation of routes.'

Although the majority of the world's airlines are either wholly in the public or wholly in the private sectors, the concept of the 'mixed economy' airline is not a novel one. Major international airlines in which both the state and private firms or individuals hold a stake include JAL (Japan Air Lines), KLM–Royal Dutch Airlines, Lufthansa, Sabena, SAS (Scandinavian Airlines System) and Swissair.

Vital to restore competitive industrial base – Eyre

'Britain's priority must be to restore its competitive industrial base,' said Reginald Eyre, Parliamentary Under-Secretary of State for Trade, addressing the Federation of Wholesale and Industrial Distributors in London on 19 July. Although, for the medium term, North Sea energy would give Britain both security of supply and a major source of revenue that was the envy of competitors, by itself it could save the country neither from its present lack of competitiveness nor the consequences of a slowing in world growth, he said.

'The government's first budget set a framework of firm monetary discipline and control of the money supply,' Mr Eyre went on. 'That meant a limit on public borrowing and strict control over public expenditure. These measures to re-establish sound money and to squeeze inflation out of the system have come only just in time. We regret it also means high interest rates for a time, until the measures take effect.

The government's effort to bring reality into Britain's economic affairs had to be matched in the private sector. Higher pay had to be matched by higher output. Otherwise the stark reality of the situation was that it would lead to higher unemployment or to higher prices.

The pressures of living with a strong currency would help to force through improvements in precisely those non-price areas – quality, design, delivery, marketing – where Britain must compete successfully if it was to remain an industrial nation of the first rank, Mr Eyre said.

Big increase in use of credit

A massive increase in the number of people using credit – and lack of awareness among them about costs and their rights and obligations – is revealed in a report published on 18 July by the Office of Fair Trading. The report on an independent survey commissioned by the OFT shows that, by 1977, 54 per cent of Great Britain's population over 18 (21 million people) were using some type of credit, compared with only 22 per cent in a 1969 survey.

Part of the increase stems from more use of well-established types of credit – such as mail order credit, bank loans and overdrafts – but much results from the rapid growth of new forms of credit, mainly credit cards and store budget accounts.

The latest survey will be used by the OFT as a 'bench-mark' against which to measure the effects of major provisions of the Consumer Credit Act which have yet to be brought into force; in particular the 'truth in lending' provisions which should enable customers to compare the true cost of credit offers.

More information needed

The survey shows that credit firms could help to improve their customers' knowledge of credit agreements. The effective rate of interest should be indicated said 85 per cent of credit users interviewed. And most respondents wanted more information about how rebates are calculated when credit transactions are settled early; more than half of hire purchase users who had bought on credit before (90 per cent of HP users surveyed) had settled early and would have liked more information about how their rebates had been calculated. Others called for similar information about rebates on other types of credit, including bank personal loans.

The report, Consumer Credit Survey 1977, is available from the Registry, Office of Fair Trading, Field House, Bream's Buildings, London EC4A 1PR, price £40 plus £1 for postage and packing.

Sir Keith to reduce NEB role

The government is to reduce the role of the National Enterprise Board so that it can concentrate on its investments in new high technology areas, and encourage industrial investment in the north and north west and among small firms.

Announcing the new policy towards the NEB last Thursday, Secretary of State for Industry Sir Keith Joseph told parliament that the government was opposed to the Industry Acts of 1975 and 1979, and now proposed to reduce the NEB's powers. 'We favour the encouragement of private initiative and enterprise, not the promotion of public ownership,' Sir Keith said.

The secretary of state recognised that it would take time to restore the vitality of the private investor. In the meantime the NEB would have a continuing role for those companies which had been in difficulties and for which it now had a responsibility, so long as the business concerned had a prospect of viability and no solution based on the private sector was available.

If other cases arose where the private sector was unable to provide a solution to a company's difficulties, receivership would normally be the right course. In a wholly exceptional case, circumstances could arise in which the NEB might – but only on the government's initiative – provide temporary and tapering support, with the aim of restoring the company to commercial health as quickly as possible.

Given that the NEB has this role, Sir Keith went on, 'I have looked at whether there is any other activity it could undertake consistent with our policies. I see no public benefit in enabling the NEB to act as a general merchant bank, and its powers to promote businesses, or buy shares in them will be restricted within very clearly defined limits.'

Sir Keith said it was now government policy that the greater part of the NEB portfolio should be sold as circumstances permitted, having regard to the interests of the taxpayer and the companies. He looked to the NEB to make disposals to the value of £100 million in the current financial year, as foreshadowed in the budget, although he did not think it was in the public interest, or in the interest of the companies concerned, to identify them individually or to specify the timing of their disposal by the NEB. He would also be requiring the NEB to make a substantial reduction in its expenditure in the current year and in the following years.

Sir Keith excluded, however, the investments which the NEB had made in newly established high technology companies, chiefly concerned with computer software, microelectronics and the applications, which he believed justified special attention. He felt that the market had been discouraged in recent years from supporting such ventures, and that time would be needed for these companies to evolve before the NEB could sell them.

Sir Keith said that the government was also much concerned with the problems of the areas of high unemployment. An element of regional policy was that the NEB should continue to exercise an industrial investment role in the north and north west of England, and with small firms, seeking always to maximise private investment and with the objective of transfer of full ownership to the private sector as soon as possible. He saw the NEB's regional role as being very similar to the industrial investment activities of the Scottish, Welsh and Northern Ireland development agencies.

The government proposes to introduce a bill in the autumn to give effect to these policies.

Faster turn-round for merry-go-round trains

A draft order to remove certain legal obstacles to the proper use of automated rapid-loading facilities for coal trains running from pit-head to power station has been laid by the Department of Trade. It would enable the whole train to be weighed while in motion and ensure a speedy turn-round of what are termed 'merry-go-round' coal trains.

The order, which amends an order made in 1966, will apply wherever solid fuel is being consigned to a single industrial undertaking; despatches to merchants, for example, to coal concentration depots for domestic use, will not be affected. It will remove the restriction on British Rail that only steel wagons of a capacity of not less than 24 tons may be used in the making up of such single user trains, unless the tare weight of the wagon is established and recorded immediately before it is loaded. It will also enable a simplied form of train bill to be carried on the train showing the total net weight of the fuel, where the wagons are permanently coupled and weighing of the whole train is carried out before and after loading while the train is in motion.

Weighing trains in motion reduces considerably the time taken to load the train but in most operational circumstances it is not possible for the equipment to give the exact weight of fuel in each wagon. But the total content of the whole train can be determined accurately.

The order is expected to come into operation on 1 September.

British Rail Council formed

Discussions on the extension of industrial democracy in British Rail reached a new stage on 19 July with the first meeting of the British Rail Council. The council, referred to in the board's annual report earlier this year, represents a new commitment to policy participation and will range over such topics as planning, marketing, financial information, public affairs and special projects.

Among the topics discussed at the inaugural meeting were the future development of the council, and ways in which the financial framework within which the railways operate might be improved.

Workshop units for Leith

The Scottish Development Agency is proposing to build up to 20 workshop units in Leith at a cost of approximately £½ million and also to carry out environmental improvement work there up to a total of £1 million. The proposals depend upon local authorities in the area – Lothian Regional Council and Edinburgh District Council – identifying suitable sites and buildings by 30 September.

The project could be a precursor to an urban renewal project in Leith. For this the agency has offered, without commitment, to finance and supervise a study of the economy and environment of the 2100-acre area specified in the Leith local plan, with the aim of formulating firm proposals for an integrated urban renewal project involving the agency and both local authorities. It is intended that the study should be completed by August 1980.

British engine for army's new tank

Rolls-Royce Motors CV12 engine has been chosen for the British army's new main battle tank, MBT 80, for service in the late 1980s to replace the Chieftain. Competing for the order was the US AGT 1500 gas-turbine engine being developed for the XM1 main battle tank.

After detailed evaluation of both engine options, the Ministry of Defence, announced on 19 July that it had been decided to select a version of the Rolls-Royce Motors CV 12 diesel engine in preference to the American gas turbine. The CV 12 will be manufactured at the Rolls-Royce Motors Shrewsbury plant.

Leyland wins £43 million bus order

Leyland Vehicles has won a £43 million order from Britain's National Bus Company to supply over 1300 buses and coaches for 1980 – claimed to be the biggest single annual order placed by any bus operator in the world.

The order is shared between plants at Leyland, Bristol, Workington, Lowestoft and Leeds. Specialist luxury coachbuilders in Britain will also benefit from the contract.

The £43.4 million order is for 138 Atlantean double-deck chassis from Leyland; 272 Leopard coach chassis – also from Leyland; 498 VRT double-deck chassis from Bristol Commercial Vehicles; 390 National single-deckers from Workington; nine LHS light coach chassis from Bristol.

In addition, the National Bus Company has placed orders for bus and coach bodies – 138 double-deck bodies from Charles H. Roe at Leeds; 498 double-deck bodies from Eastern Coachworks at Lowestoft; and nine single-deck bodies – also from Eastern Coachworks.

Gas consumers must prepare for higher prices – commission

Domestic gas prices are bound to go up considerably in real terms over the next few years, the Price Commission says in its report on gas prices published on 19 July.

Gas consumers need to be prepared for this in order to plan accordingly, the commission says. They need to start taking steps as soon as possible to become more efficient in using it.

The commission recommends that there should be no restriction on the price increases notified.

Commenting on the report, Sally Oppenheim, Minister for Consumer Affairs, said: 'I want to make it clear to gas consumers both that the increase had in fact been notified in accordance with the policy of the previous administration and that the report gives no indication at all that the increase should not have been made. Indeed it is the commission's view that the current price of gas is too low.'

She said the Secretary of State for Energy was responsible for setting the corporation's next financial target, and he had been informed of the commission's comments on energy policy, including the suggestion that the price of domestic gas should be further increased.

The commission found during its three months investigation of the British Gas Corporation that the corporation, with the increasing cost of natural gas, was only breaking even on its domestic gas business. Half the corporation's sales are made to domestic customers and half to non-domestic customers (industrial, commercial and public sector users). The commission found that in the current financial year (April 1979 to March 1980) all the corporation's profits will come from its non-domestic business. Two years ago, roughly half the profits came from the domestic sector and half from the non-domestic sector.

The price increases sought by the corporation were frozen during the early stages of the investigation. As further information was obtained the commission allowed the price increases applied for. These amounted to a weighted average of 8 per cent on domestic tariffs, 11 per cent on non-domestic tariffs, 25 per cent on installation and service charges and 8.5 per cent on the maximum price levels at which bulk gas supplies to non-domestic customers may be renewed on a contract basis. However, even with these increases the corporation will only break even this year on domestic gas and will still lose money on some of its installation and servicing activities.

The reason for the change in the relative profitability of the domestic and non-domestic sector of British Gas's business is that domestic gas prices have fallen in real terms. This has come at a time of steep rises in the price of natural gas – by next April the price paid by British Gas will have gone up threefold in three years from 2.03p per therm to 6.11p per therm – and when non-domestic prices have been raised in line with oil prices. A substantial part of the increase in natural gas purchase prices arises from the need to take more supplies from the northern basin of the North Sea, as supplies from the cheaper southern basin become insufficient to meet increasing demand. As one example the report shows that gas imported from the Norwegian sector of the North Sea now costs 12p a therm – twice the corporation's average purchase price. This means that additional gas supplies are increasingly costly.

Pricing policy

It is the commission's view that there needs to be a reasonable relationship between domestic and non-domestic gas tariffs and that all customers pay prices that reflect the underlying costs of supply. This cannot be done, believes the commission, unless long-run marginal cost is one of the major factors taken into account by British Gas when setting its prices to customers. This would mean that both present and future users of gas would bear a fair share of the cost of using this scarce and increasingly expensive natural resource. The commission's estimate of the long-run marginal cost of gas is the price paid for the gas that is imported from Norway in order that more British gas can be left in the ground for use in the future.

The principle of pricing in relation to long-run marginal costs, on which some emphasis was placed in the 1967 and 1978 white papers on nationalised industries (Cmnd 3437 and Cmnd 7131), is designed to ensure that the nation's gas reserves are not exhausted too quickly because too low a current value is put on gas.

Industrial and commercial contract gas prices, which are related to the prices of alternative oil products, are already approaching the long-run marginal cost level. Non-domestic tariffs are currently lagging behind long-run marginal cost by about 3p per therm but the changes in non-domestic prices which the commission understand are to take place from 1 September 1979 will wholly eliminate this difference. Domestic tariffs however would have to rise 6p to 7p per therm to reach the long-run marginal cost level.

'It would clearly be undesirable and indeed impracticable for adjustments on domestic tariffs of this magnitude to be attempted in a single step; to protect the interests of customers and to avoid dislocation of British Gas marketing and supply strategy, such adjustments would need to be phased over a period,' says the commission.

It recognises that any increase of this magnitude would cause difficulties for some customers on lower incomes. But it says prices should be related to costs and cases of hardship dealt with through the social security system.

In the short term, in the absence of substantial capital expenditure, the adoption of pricing that is more closely related to long-run marginal cost, will lead to the accumulation of further large cash balances, but, says the commission, British Gas will need the cash eventually to provide for replacement of its fixed assets. In the meantime it will be necessary, says the commission, to find appropriate ways to handle this cash.

It adds that 'future decisions on the level of gas prices will need to be considered within the context of a wider UK energy policy . . . which ensures the optimum use of resources'.

Conservation

Future price trends mean that customers must become more efficient in their usage of gas as soon as possible. British Gas has already started to change the main thrust of its marketing strategy away from simply increasing sales as quickly as possible and towards encouraging efficiency and economy in the use of gas.

In the industrial and commercial markets, British Gas is devoting much effort to promoting the efficient use of gas. But the commission believes that more ambitious promotional activity is needed to encourage domestic customers to use gas more efficiently and to persuade house builders to consider, more carefully, fuel efficiency when specifying what gas-using equipment is installed in the dwellings they build.

The commission also notes British Gas's efforts to increase facilities for gas storage rather than selling more gas on an interruptible basis to industrial customers at low prices. These efforts are compatible with the use of a resource that is becoming more costly to acquire.

Exploration

British Gas's exploration activity has already shown its value by the discovery of the Morecambe Bay gas field which, being under its exclusive control, can be used in the most efficient way from the corporation's point of view. One benefit is that it will offer the possibility of gas storage during the peak winter period, a facility which otherwise could only be purchased at a greater cost.

Tariffs

The commission approves of the current multi-part tariff system which ensures that even the smallest domestic credit customers pay the fixed costs of supplying, meter reading and accounting. But it suggests that the corporation might move back to a simpler two-part domestic credit tariff with a standing charge to cover the fixed costs of supply and a uniform usage price per therm.

There should be a review of the differences in domestic tariffs between regions – which can be as great as 20 per cent.

Appliances

The appliance installation and customer servicing activities will be loss-making in the current financial year. The commission agrees that, for safety reasons, appliance servicing charges should be kept to a break-even level to encourage regular servicing. It notes the high incidence of faults in new appliances and says British Gas should use its position as a major buyer to ensure that manufacturers improve their standards.

Financial targets

'A financial target set for only one year is not a satisfactory basis for planning . . . If targets are to contribute to long-term planning of the use of resources and are to provide a stable basis for decision making, they should be set for several years ahead on a consistent and rolling basis, with the eventual aim of achieving long-run marginal cost-based prices,' says the commission.

Efficiency

'Any move towards long-run marginal cost-based prices heightens the importance of

ensuring that the costs incurred by British Gas are kept to the minimum by efficient operation and administration . . . It is right that the corporation's customers should seek, and be given, frequent reassurance on this point,' says the commission.

The commission found that the corporation's gas transmission and distribution operations are efficiently controlled and very high engineering standards are being achieved. British Gas's research and development activities are extensive and well directed.

The commission found that management's control of customer servicing had become more efficient but significant scope for further improvement in this function did still exist in at least one of the regions examined. However, positive action is being taken by management further to raise customer servicing performance standards in this region, says the commission.

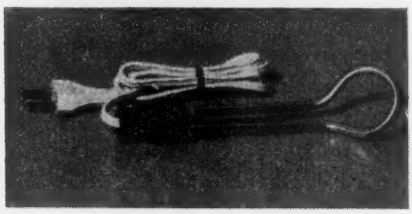
'Price Commission investigation report no. 43: British Gas Corporation – gas prices and allied charges', is available from HMSO, price £3.

Danger warning on small immersion heaters

Small portable mains-operated immersion heaters, known as 'spoon' or 'cup' heaters and used to heat drinks, can be dangerous if they are not earthed, warns the Department of Trade.

Anyone who has purchased one of these devices fitted with only a two-core or twin flex is strongly advised not to use it. A heater with provision for earthing will have a three-core flex attached to it.

A potentially dangerous heater, imported from Taiwan, is known to have been marketed in this country. It is marked 'STC 220V and 500W', has a chromium-plated sheath or element with a black plastic handle, and is fitted



with a parallel twin flex. There has been a successful prosecution in respect of this appliance on the grounds that it contravened the Electrical Equipment (Safety) Regulations.

Portable immersion heaters have basic insulation between the heating element and the outer metal sheath. If, as can happen after a period of use, the insulation fails, the sheath can be made electrically live by contact with the element and can present a risk of electrocution if the sheath is not earthed (unless the appliance is of the kind designed to be used at extra low voltage, connected to a transformer). A similar danger can arise if a heater which is fitted with a three-core flex is used with a two-pin plug, whether in this country or abroad.

The warning does not apply to immersion heaters for use in cars. They are usually fitted with two-core flexes but present no hazard.

Oppenheim speaks on advertising control

Consumer Affairs minister, Sally Oppenheim is to reconvene, on a short-term basis, the joint industry-government working party on advertising control. But the terms of reference will be changed to make it clear that there is no prescription for or against legislation.

Speaking to the Advertising Association on 19 July, Mrs Oppenheim said that the government's overriding objective was to create a favourable economic climate in which industry and commerce could flourish and that the government's first budget had set the pattern for economic policy.

But the promotion of enterprise was not solely a matter of financial incentives, Mrs Oppenheim pointed out. It was also necessary to ensure that competition played its part in the promotion of enterprise. The recent competition bill would strengthen the powers of government to deal with anti-competitive practices and to prevent the abuse of market power in the private and public sectors.

Mrs Oppenheim stressed that government could not stand back and expect a competitive free market to survive of its own volition. Some ground rules, some framework, some regulatory institutions were inevitable if the free market was to function effectively. The government measures provided for efficient industry to compete on fair terms.

So, she said, the principles the government intended to follow towards advertising reflected those for the economy as a whole. During the whole of this century it had been accepted that advertising needed to be regulated – not only for the ethical and social reasons, which were the proper concern of government, but because there were also good commercial reasons for so doing. 'Advertising will not achieve its selling function if its commercial messages are not respected and trusted,' she said.

Current detailed statutory controls tended to become almost back-up powers, should the self-regulatory system go wrong. 'I think that this pattern of development has been on the right lines. I think that the advertising industry – by which I mean firms that advertise as well as the agencies which prepare advertisements and the media which carry them – is to be congratulated on the way in which it has tried to develop self-regulation over the years.'

Compared with control by the courts, Mrs Oppenheim pointed out the strength of the self-regulatory system of control lay in the underlying code of advertising practice. Provided the code could be enforced effectively it could be amended more easily than legislation. 'It could be used to vet advertisements in advance. The UK legal system did not provide for prior validation. And the code could be operated in accordance with the spirit and not the letter of the law. This was of prime importance in a complex area such as advertising – where effective regulation depends upon making advertising standards acceptable to society without destroying the selling power of advertising. This called for flexibility of application.'

Turning to the latest EEC commission draft

Sally Oppenheim.

directive on misleading and unfair advertising which had been submitted to the council of ministers, Mrs Oppenheim said that the proposals placed some emphasis on statutory controls, and their enforcement through the courts, as the most appropriate means of controlling misleading and unfair advertising. 'I happen to believe that these proposals do not represent the most effective or desirable methods of tackling advertising control. A code of laws, which must inevitably import rigidity, is not suitable for the effective regulation of advertising in Britain where development so far has been on different lines and in accordance with different legal traditions,' she said.

'I am happy to be able to tell you that I have now received revised proposals from the commission which admit an alternative to litigation as a means of controlling misleading and unfair advertising in the form of an administrative authority with adequate powers. This is the existing and preferred form of control in the United Kingdom as well as in some other member states and its omission from the original form of the directive has created a good deal of controversy.'

But, Mrs Oppenheim continued, none of this should be taken to mean that she believed that statutory control of advertising was wholly inappropriate and that self-regulation was the only effective system of control. She did not believe that either approach was perfect. 'I think that what is needed is a modern, efficient combination of voluntary and statutory control – which will draw on the strengths of both systems.

'I have tended to concentrate today on controls on advertising to prevent false claims and distortions. This does not mean that I intend to ignore what has been called the "social responsibility" of advertising, though this is not a phrase that I would choose myself. It is far too early to talk of legislation or indeed any form of control. But I should like to see the industry continue to consider what standards can be set and how they can be applied particularly in the sensitive areas of children, tobacco and alcohol.'

Assisted areas: three-phase status

In the report in *Trade and Industry* last week (pages 99-102) of the government's review of regional industrial policy on selective financial assistance in Great Britain, a table was published showing assisted areas with changed status. Under regional headings, towns were listed alphabetically according to 'Travel to work' areas. The employment office areas – the official units for assisted status – were listed as sub-divisions of the 'Travel to work' areas. The list did not include assisted areas where the status remained unchanged by the government's announcement on 17 July. The list below includes all the assisted area units in Great Britain (England, Scotland and Wales) grouped by region and arranged alphabetically by employment office area. Areas with unchanged status are printed in bold type.

Assisted areas

Phase 1	Status on 18 July 1979
Phase 2	Status on 1 Aug 1980
Phase 3	Status on 1 Aug 1982

Full list of employment office areas by region

Bold type represents areas unchanged by government announcement of 17 July 1979
● Dot and bold type represent areas upgraded one step on 18 July 1979
SDA special development area, DA development area, IA intermediate area, NAA non-assisted area

Scotland

	Phase 1	Phase 2	Phase 3
Aberdeen	IA	IA	NAA
Airdrie	**SDA**	**SDA**	**SDA**
Alexandria	**SDA**	**SDA**	**SDA**
Alloa	DA	IA	IA
Anstruther [1]	DA	IA	IA
Annan	DA	IA	NAA
Arbroath	**SDA**	**SDA**	**SDA**
Ayr ●	**SDA**	**SDA**	**SDA**
Barrhead	**SDA**	**SDA**	**SDA**
Banff	DA	IA	NAA
Bathgate	**DA**	**DA**	**DA**
Bellshill	**SDA**	**SDA**	**SDA**
Blairgowrie	**DA**	**DA**	**DA**
Blantyre	**SDA**	**SDA**	**SDA**
Bo'ness	**DA**	**DA**	**DA**
Broxburn	**DA**	**DA**	**DA**
Buckie	DA	IA	NAA
Cambuslang	**SDA**	**SDA**	**SDA**
Campbelltown	**DA**	**DA**	**DA**
Castle Douglas	DA	IA	IA
Carluke	**SDA**	**SDA**	**SDA**
Clydebank	**SDA**	**SDA**	**SDA**
Coatbridge	**SDA**	**SDA**	**SDA**
Cowdenbeath	**DA**	**DA**	**DA**
Crieff	DA	IA	NAA
Cumbernauld	**SDA**	**SDA**	**SDA**
Cumnock	**SDA**	**SDA**	**SDA**
Cupar	DA	IA	NAA
Dalkeith	DA	IA	NAA
Denny	**DA**	**DA**	**DA**
Dingwall	**DA**	**DA**	**DA**
Dumbarton	**SDA**	**SDA**	**SDA**
Dumfries	DA	IA	NAA
Dundee	**SDA**	**SDA**	**SDA**
Dunfermline	**DA**	**DA**	**DA**
Dunoon	**DA**	**DA**	**DA**
Easterhouse	**SDA**	**SDA**	**SDA**
East Kilbride	**SDA**	**SDA**	**SDA**
Edinburgh	DA	IA	NAA
Elgin	DA	IA	NAA
Eyemouth	DA	IA	NAA
Falkirk	**DA**	**DA**	**DA**
Forfar	DA	IA	NAA
Forres	DA	IA	NAA
Fort William	**DA**	**DA**	**DA**
Fraserburgh	DA	IA	NAA
Galashiels	DA	IA	NAA
Girvan	SDA	DA	DA
Glasgow Central	**SDA**	**SDA**	**SDA**
Glenrothes	**SDA/DA**	**SDA/DA**	**SDA/DA**
Govan	**SDA**	**SDA**	**SDA**
Grangemouth	**DA**	**DA**	**DA**
Greenock	**SDA**	**SDA**	**SDA**
Haddington	DA	IA	NAA
Hamilton	**SDA**	**SDA**	**SDA**
Hawick	DA	IA	NAA
Helensburgh	**SDA**	**SDA**	**SDA**
Hillington	**SDA**	**SDA**	**SDA**
Huntly [2]	DA	IA	NAA
Invergordon	**DA**	**DA**	**DA**
Inverness	**DA**	**DA**	**DA**
Irvine	**SDA**	**SDA**	**SDA**
Johnstone	**SDA**	**SDA**	**SDA**
Kelso	DA	IA	NAA
Kilbirnie	**SDA**	**SDA**	**SDA**
Kilmarnock ●	**SDA**	**SDA**	**SDA**
Kilsyth	**SDA**	**SDA**	**SDA**
Kilwinning	**SDA**	**SDA**	**SDA**
Kinning Park	**SDA**	**SDA**	**SDA**
Kirkcaldy	**DA**	**DA**	**DA**
Kirkintilloch	**SDA**	**SDA**	**SDA**
Kirkwall	DA	IA	NAA
Largs ● [3]	**SDA**	**SDA**	**SDA**
Lanark	**SDA**	**SDA**	**SDA**
Larkhall	**SDA**	**SDA**	**SDA**
Leith	DA	IA	NAA
Lerwick	DA	IA	NAA
Lesmahagow	**SDA**	**SDA**	**SDA**
Leven and Methil	SDA	DA	DA
Livingston	**SDA/DA**	**SDA/DA**	**SDA/DA**
Loanhead	DA	IA	NAA
Lochgilphead	**DA**	**DA**	**DA**
Lockerbie	DA	IA	NAA
Maryhill	**SDA**	**SDA**	**SDA**
Montrose	DA	IA	NAA
Motherwell	**SDA**	**SDA**	**SDA**
Musselburgh	DA	IA	NAA
Nairn	DA	IA	NAA
Newton Stewart	**DA**	**DA**	**DA**
Oban	**DA**	**DA**	**DA**
Paisley	**SDA**	**SDA**	**SDA**
Parkhead	**SDA**	**SDA**	**SDA**
Partick	**SDA**	**SDA**	**SDA**
Peebles	DA	IA	NAA
Penicuik	DA	IA	NAA
Perth	DA	IA	NAA
Peterhead	DA	IA	NAA
Portobello	DA	IA	NAA
Portree	**DA**	**DA**	**DA**
Port Glasgow	**SDA**	**SDA**	**SDA**
Renfrew	**SDA**	**SDA**	**SDA**
Rothesay	**DA**	**DA**	**DA**
Rutherglen	**SDA**	**SDA**	**SDA**
Saltcoats [4]	**SDA**	**SDA**	**SDA**
Sanquhar	**SDA**	**SDA**	**SDA**
Shawlands	**SDA**	**SDA**	**SDA**
Shotts	**SDA**	**SDA**	**SDA**
Springburn	**SDA**	**SDA**	**SDA**
St Andrews	DA	IA	NAA
Stirling	DA	IA	IA
Stonehaven	IA	IA	NAA
Stornoway	**DA**	**DA**	**DA**
Stranraer	**DA**	**DA**	**DA**
Thurso	**DA**	**DA**	**DA**
Tranent	DA	IA	NAA
Troon ●	**SDA**	**SDA**	**SDA**
Uddingston	**SDA**	**SDA**	**SDA**
Wick	**DA**	**DA**	**DA**
Wishaw	**SDA**	**SDA**	**SDA**

Wales

	Phase 1	Phase 2	Phase 3
Aberdare	SDA	DA	DA
Abergavenny	DA/IA	DA/IA	DA/IA
Abertillery	SDA	SDA	SDA
Aberystwyth	DA	IA	NAA
Amlwch	**SDA**	**SDA**	**SDA**
Ammanford	SDA	DA	DA
Bangor	SDA	DA	DA
Bargoed	**SDA**	**SDA**	**SDA**
Barmouth	DA	IA	NAA
Barry	**DA**	**DA**	**DA**
Beaumaris	**SDA**	**SDA**	**SDA**
Bethesda	SDA	DA	DA
Blackwood	**SDA**	**SDA**	**SDA**
Blaenau Flestiniog	SDA	DA	DA
Blaenavon	**DA**	**DA**	**DA**
Brecon	DA	IA	NAA
Bridgend	DA	IA	IA
Brynmawr	**SDA**	**SDA**	**SDA**
Burry Port	**DA**	**IA**	**IA**
Caernarvon	SDA	DA	DA
Caerphilly	**DA**	**DA**	**DA**
Cardiff	**DA**	**DA**	**DA**
Cardigan	**DA**	**DA**	**DA**
Carmarthen	DA	IA	NAA
Cefn Mawr ●	**SDA**	**SDA**	**SDA**
Chepstow	**IA**	**IA**	**IA**
Colwyn Bay	**IA**	**IA**	**IA**
Conwy	DA	IA	IA
Cwmbran	**IA**	**IA**	**IA**
Cymmer	SDA	DA	DA
Denbigh	DA	IA	IA
Ebbw Vale	**SDA**	**SDA**	**SDA**
Ferndale	**SDA**	**SDA**	**SDA**
Fishguard	**DA**	**DA**	**DA**
Flint	**DA**	**DA**	**DA**
Garnant	SDA	DA	DA
Gorseinon	DA	IA	IA
Haverfordwest	**DA**	**DA**	**DA**
Holyhead	**SDA**	**SDA**	**SDA**
Holywell	**DA**	**DA**	**DA**
Kidwelly	DA	IA	IA
Lampeter	DA	DA	DA
Llandeilo	DA	IA	NAA
Llandrindod Wells	DA	IA	NAA
Llandudno	**IA**	**IA**	**IA**
Llandyssul	**DA**	**DA**	**DA**
Llangefni	**SDA**	**SDA**	**SDA**
Llanelli	DA	IA	IA
Llangollen	DA	IA	IA
Llantrisant	SDA	DA	DA
Llantwit Major	**DA**	**DA**	**DA**
Llanrwst	DA	IA	IA
Machynlleth	DA	IA	NAA
Maesteg	SDA	DA	DA
Merthyr Tydfil	**SDA**	**DA**	**DA**
Milford Haven	**DA**	**DA**	**DA**
Mold	**DA**	**DA**	**DA**
Monmouth	**IA**	**IA**	**IA**
Morriston	DA	IA	IA
Neath	SDA	DA	DA
Newbridge	SDA	DA	IA
Newport	**IA**	**IA**	**IA**
Newtown	DA	IA	NAA
Pembroke Dock	**DA**	**DA**	**DA**
Penarth	**DA**	**DA**	**DA**
Penygroes	SDA	DA	DA
Pontardawe	SDA	DA	DA
Pontlottyn	**SDA**	**SDA**	**SDA**
Pontypridd	SDA	DA	DA
Pontypool	**DA**	**DA**	**DA**
Porth (Tonypandy)	**SDA**	**SDA**	**SDA**
Porthcawl	DA	IA	IA
Porthmadog	SDA	DA	DA
Port Talbot	DA	IA	IA
Pwllheli	SDA	DA	DA
Resolven	SDA	DA	DA
Rhyl ●	**DA**	**DA**	**DA**
Risca	DA	IA	IA
Shotton	**DA**	**DA**	**DA**
Swansea	DA	IA	IA
Tenby	DA	IA	IA
Tonyrefail	SDA	DA	DA
Tredegar	**SDA**	**SDA**	**SDA**
Treharris	SDA	DA	DA
Treorchy	**SDA**	**SDA**	**SDA**
Tumble	**DA**	**IA**	**IA**
Tywyn	**DA**	**IA**	**NAA**
Welshpool	**DA**	**IA**	**NAA**
Wrexham ●	**SDA**	**SDA**	**SDA**
Ystradgynlais	SDA	DA	DA
Ystrad Mynach	**SDA**	**SDA**	**SDA**

North:

	Phase 1	Phase 2	Phase 3
Alnwick	DA	IA	IA
Amble	DA	IA	IA
Ashington	SDA	DA	DA
Aspatria	SDA	DA	DA
Barnard Castle	DA	IA	NAA
Barrow-in-Furness	DA	IA	NAA
Bedlington	SDA	DA	DA
Berwick	DA	IA	NAA
Billingham	**DA**	**DA**	**DA**
Birtley	**SDA**	**SDA**	**SDA**
Bishop Auckland	SDA	DA	IA
Blaydon-on-Tyne	**SDA**	**SDA**	**SDA**
Blyth	SDA	DA	DA
Carlisle	DA	IA	NAA
Chester-le-Street	**SDA**	**SDA**	**SDA**
Cleator Moor	SDA	DA	DA
Cockermouth	SDA	DA	DA
Consett	**SDA**	**SDA**	**SDA**
Cramlington	SDA	DA	DA
Crook	SDA	DA	DA
Dalton-in-Furness	DA	IA	NAA
Darlington	DA	IA	IA
Durham	SDA	DA	DA
East Boldon	**SDA**	**SDA**	**SDA**
Eston	**DA**	**DA**	**DA**
Felling	**SDA**	**SDA**	**SDA**
Gateshead	**SDA**	**SDA**	**SDA**
Guisborough	**DA**	**DA**	**DA**
Haltwhistle	SDA	DA	NAA
Hartlepool	**SDA**	**SDA**	**SDA**
Hexham	DA	IA	NAA
Houghton-le-Spring	**SDA**	**SDA**	**SDA**
Jarrow and Hebburn	**SDA**	**SDA**	**SDA**
Kendal	DA	IA	NAA
Keswick	DA	IA	NAA
Lanchester	**SDA**	**SDA**	**SDA**
Loftus	**DA**	**DA**	**DA**
Maryport	**SDA**	**DA**	**DA**
Middlesbrough	**DA**	**DA**	**DA**
Millom	SDA	DA	DA
Morpeth	**DA**	**DA**	**DA**
Newburn	**SDA**	**SDA**	**SDA**
Newcastle upon Tyne	**SDA**	**SDA**	**SDA**
Newton Aycliffe	DA	IA	IA
North Shields	**SDA**	**SDA**	**SDA**
Penrith	DA	IA	NAA
Peterlee	**SDA**	**SDA**	**SDA**
Prudhoe	**SDA**	**SDA**	**SDA**
Redcar	**DA**	**DA**	**DA**
Saltburn	**DA**	**DA**	**DA**
Seaham	**SDA**	**SDA**	**SDA**
Shiels Road	**SDA**	**SDA**	**SDA**
South Shields	**SDA**	**SDA**	**SDA**
Southwick	**SDA**	**SDA**	**SDA**
Spennymoor	SDA	DA	DA
Stanley	**SDA**	**SDA**	**SDA**
Stockton and Thornaby	**DA**	**DA**	**DA**
Sunderland	**SDA**	**SDA**	**SDA**
Ulverston	DA	IA	NAA
Walisend	**SDA**	**SDA**	**SDA**
Washington	**SDA**	**SDA**	**SDA**
West Moor	**SDA**	**SDA**	**SDA**
Whitehaven	SDA	DA	DA
Whitley Bay	**SDA**	**SDA**	**SDA**
Windermere	DA	IA	NAA
Wingate	**SDA**	**SDA**	**SDA**
Workington	SDA	DA	DA
Yarm	**DA**	**DA**	**DA**

Yorkshire and Humberside

	Phase 1	Phase 2	Phase 3
Barnsley	**IA**	**IA**	**IA**
Barton-on-Humber	IA	IA	NAA
Batley	IA	IA	NAA
Beverley	**DA**	**DA**	**DA**
Bingley	**IA**	**IA**	**IA**
Bradford	**IA**	**IA**	**IA**
Bramley	IA	IA	NAA
Bransholme	**DA**	**DA**	**DA**
Bridlington	**IA**	**IA**	**IA**
Brighouse	IA	IA	NAA
Castleford	IA	IA	NAA
Chapeltown	IA	IA	NAA
Dewsbury	IA	IA	NAA
Dinnington	IA	IA	NAA
Doncaster	IA	IA	IA
Driffield	IA	IA	NAA
Elland	IA	IA	NAA
Filey	IA	IA	NAA
Firth Park	IA	IA	NAA
Goldthorpe●	**DA**	**DA**	**DA**
Goole	**IA**	**IA**	**IA**
Grimsby	**DA**	**DA**	**DA**
Halifax	IA	IA	NAA
Harrogate	IA	IA	NAA
Hebden Bridge	IA	IA	NAA
Hemsworth	IA	IA	NAA
Hessle	**DA**	**DA**	**DA**
Horsforth	IA	IA	NAA
Hoyland	**IA**	**IA**	**IA**
Huddersfield	IA	IA	NAA
Hull	**DA**	**DA**	**DA**
Hunslet	IA	IA	NAA
Keighley	IA	IA	NAA
Knottingley	IA	IA	NAA
Leeds	IA	IA	NAA
Maltby	**IA**	**IA**	**IA**
Malton	IA	IA	NAA
Mexborough●	**DA**	**DA**	**DA**
Morley	IA	IA	NAA
Normanton	IA	IA	NAA
Northallerton	IA	IA	NAA
Otley	IA	IA	NAA
Pickering	IA	IA	NAA
Pontefract	IA	IA	NAA
Richmond	**IA**	**IA**	**IA**
Ripon	IA	IA	NAA
Rotherham●	**DA**	**DA**	**DA**
Rothwell	IA	IA	NAA
Scarborough	DA	IA	IA
Scunthorpe	IA	IA	NAA
Seacroft	IA	IA	NAA
Selby	IA	IA	NAA
Sheffield	IA	IA	NAA
Shipley	**IA**	**IA**	**IA**
Skipton	IA	IA	NAA
South Elmsall	IA	IA	NAA
Sowerby Bridge	IA	IA	NAA
Spen Valley	IA	IA	NAA
Thirsk	IA	IA	NAA
Thorne	**IA**	**IA**	**IA**
Todmorden	IA	IA	NAA
Wakefield	IA	IA	NAA
Wetherby	IA	IA	NAA
Whitby	DA	IA	IA
Wombwell	**IA**	**IA**	**IA**
Woodhouse	IA	IA	NAA
Yeadon	IA	IA	NAA
York	IA	IA	NAA

North west

	Phase 1	Phase 2	Phase 3
Accrington	IA	IA	NAA
Allerton	**SDA**	**SDA**	**SDA**
Altrincham	IA	IA	NAA
Ashton-in-Makerfield ●	DA	DA	DA
Ashton-under-Lyne	IA	IA	NAA
Atherton and Tyldesley	IA	IA	NAA

[1] That part of Anstruther within the Leven and Methil employment office area.
[2] That part of Huntly within the Aberdeen employment office area.
[3] Excluding the Isles of Cumbrae which remain DA.
[4] Excluding the Isle of Arran which remains DA

	Phase		
	1	2	3
Bacup	IA	IA	NAA
Bamber Bridge	IA	IA	NAA
Barnoldswick	IA	IA	NAA
Bebington	**SDA**	**SDA**	**SDA**
Belle Vale	**SDA**	**SDA**	**SDA**
Birkenhead	**SDA**	**SDA**	**SDA**
Blackburn	IA	IA	NAA
Blackpool Central	**IA**	**IA**	**IA**
Blackpool South	**IA**	**IA**	**IA**
Bolton	IA	IA	NAA
Bootle	**SDA**	**SDA**	**SDA**
Burnley	IA	IA	NAA
Bury	IA	IA	NAA
Chester	IA	IA	NAA
Chorley	IA	IA	NAA
Clitheroe	IA	IA	NAA
Colne	IA	IA	NAA
Congleton	IA	IA	NAA
Crewe	IA	IA	NAA
Crosby	**SDA**	**SDA**	**SDA**
Darwen	IA	IA	NAA
Denton	IA	IA	NAA
Didsbury	IA	IA	NAA
Eccles	IA	IA	NAA
Ellesmere Port	**SDA**	**SDA**	**SDA**
Failsworth	IA	IA	NAA
Farnworth	IA	IA	NAA
Fleetwood	IA	IA	IA
Garston	**SDA**	**SDA**	**SDA**
Glossop	IA	IA	NAA
Great Harwood	IA	IA	NAA

	Phase		
	1	2	3
Haslingden	IA	IA	NAA
Heywood	IA	IA	NAA
Hindley ●	**DA**	**DA**	**DA**
Horwich	IA	IA	NAA
Hoylake	**SDA**	**SDA**	**SDA**
Hyde	IA	IA	NAA
Irlam	IA	IA	NAA
Kirkby	**SDA**	**SDA**	**SDA**
Kirkham	**IA**	**IA**	**IA**
Lancaster	**IA**	**IA**	**IA**
Leigh	IA	IA	NAA
Levenshulme	IA	IA	NAA
Leyland	IA	IA	NAA
Littleborough	IA	IA	NAA
Liverpool	**SDA**	**SDA**	**SDA**
Lytham	**IA**	**IA**	**IA**
Macclesfield	IA	IA	NAA
Manchester	IA	IA	NAA
Marple	IA	IA	NAA
Middleton	IA	IA	NAA
Middlewich	IA	IA	NAA
Morecambe	**IA**	**IA**	**IA**
Mossley	IA	IA	NAA
Moss Side	IA	IA	NAA
Nantwich	IA	IA	NAA
Nelson	IA	IA	NAA
Neston	**SDA**	**SDA**	**SDA**
Newton Heath	IA	IA	NAA
Newton-le-Willows	IA	IA	NAA
Northwich	IA	IA	NAA
Old Swan	**SDA**	**SDA**	**SDA**
Oldham and Chadderton	IA	IA	NAA
Openshaw	IA	IA	NAA

	Phase		
	1	2	3
Ormskirk	IA	IA	NAA
Padiham	IA	IA	NAA
Prescot	**SDA**	**SDA**	**SDA**
Preston	IA	IA	NAA
Prestwich	IA	IA	NAA
Radcliffe	IA	IA	NAA
Ramsbottom	IA	IA	NAA
Rawtenstall	IA	IA	NAA
Rochdale	IA	IA	NAA
Royton	IA	IA	NAA
Runcorn	**SDA**	**SDA**	**SDA**
St Helens	SDA	DA	DA
Salford	IA	IA	NAA
Sandbach	IA	IA	NAA
Skelmersdale	SDA/IA	SDA/IA	SDA/NAA (IA part)
Southport	**IA**	**IA**	**IA**
St Annes	**IA**	**IA**	**IA**
Stalybridge	IA	IA	NAA
Stockport	IA	IA	NAA
Stretford	IA	IA	NAA
Swinton	IA	IA	NAA
Thornton	**IA**	**IA**	**IA**
Wallasey	**SDA**	**SDA**	**SDA**
Walton	**SDA**	**SDA**	**SDA**
Warrington	IA	IA	NAA
Westhoughton	IA	IA	NAA
Widnes	**SDA**	**SDA**	**SDA**
Wigan ●	**DA**	**DA**	**DA**
Wilmslow	IA	IA	NAA
Winsford	IA	IA	NAA
Worsley	IA	IA	NAA
Wythenshawe	IA	IA	NAA

	Phase		
	1	2	3
East midlands			
Alfreton	IA	IA	NAA
Buxton	IA	IA	NAA
Chesterfield	IA	IA	NAA
Clay Cross	IA	IA	NAA
Dronfield	IA	IA	NAA
Eckington	IA	IA	NAA
Gainsborough	**IA**	**IA**	**IA**
Heanor	IA	IA	NAA
Horncastle	IA	IA	NAA
Kirkby-in-Ashfield	IA	IA	NAA
Louth	IA	IA	NAA
Mablethorpe	**IA**	**IA**	**IA**
New Mills	IA	IA	NAA
Skegness	**IA**	**IA**	**IA**
Staveley	IA	IA	NAA
Sutton-in-Ashfield	IA	IA	NAA
Worksop	IA	IA	NAA
West midlands			
Oswestry	IA	IA	NAA
South west			
Asburton	**IA**	**IA**	**IA**
Barnstaple	DA	IA	IA
Bideford	DA	IA	IA

	Phase		
	1	2	3
Bodmin	**DA**	**DA**	**DA**
Bovey Tracey ●	**IA**	**IA**	**IA**
Brixham ●	**IA**	**IA**	**IA**
Bude	**DA**	**DA**	**DA**
Camborne ●	**SDA**	**SDA**	**SDA**
Camelford	**DA**	**DA**	**DA**
Dartmouth ●	**IA**	**IA**	**IA**
Devonport ●	**DA**	**DA**	**DA**
Falmouth	**SDA**	**SDA**	**SDA**
Hayle ●	**SDA**	**SDA**	**SDA**
Helston	**DA**	**DA**	**DA**
Ilfracombe	**DA**	**DA**	**DA**
Kingsbridge ●	**IA**	**IA**	**IA**
Launceston	**DA**	**DA**	**DA**
Liskeard	**DA**	**DA**	**DA**
Looe	**DA**	**DA**	**DA**
Newton Abbot ●	**IA**	**IA**	**IA**
Newquay	**DA**	**DA**	**DA**
Okehampton	IA	IA	NAA
Paignton ●	**IA**	**IA**	**IA**
Penzance	**DA**	**DA**	**DA**
Plymouth ●	**DA**	**DA**	**DA**
Plympton ●	**DA**	**DA**	**DA**
Redruth ●	**SDA**	**SDA**	**SDA**
St Austell	**DA**	**DA**	**DA**
St Ives	**DA**	**DA**	**DA**
Saltash ●	**DA**	**DA**	**DA**
Tavistock ●	**DA**	**DA**	**DA**
Teignmouth ●	**IA**	**IA**	**IA**
Torquay ●	**IA**	**IA**	**IA**
Totnes ●	**IA**	**IA**	**IA**
Truro	**DA**	**DA**	**DA**
Wadebridge	**DA**	**DA**	**DA**

Small firms employment subsidy for new areas

Small manufacturing firms in five areas – Plymouth, Mexborough, Rhyl, Wigan and Rotherham – can now apply for the small firms employment subsidy (SFES), the Department of Employment announced on 17 July. This follows changes in the boundaries of assisted areas announced last week by the Secretary of State for Industry. The five areas have been regraded to development area status.

Eligible firms can apply for the SFES in these employment office areas: Rhyl, Wigan, Ashton-in-Makerfield and Hindley, and that part of St Helens which was formerly in an intermediate area; Mexborough and Goldthorpe; Rotherham; Plymouth, Devonport, Plympton, Saltash and Tavistock. The SFES is available to small manufacturing firms in the special development areas and development areas only.

In those existing special development and development areas which may in due course be downgraded to intermediate or non-assisted status, new SFES applications may continue to be made until 31 March 1980, when the scheme is at present due to close for applications.

Reach the export executive

Four out of five Trade and Industry readers are engaged in exporting. And nine out of ten readers are executives. Reach the export executive with your advertisement.
Phone Austin Hogarth
01-242 9478

WEMBLEY AUCTION SALES 1979

7 August

View Days: Day preceding and morning of sale

Location: Department of the Environment
Property Services Agency
Supplies Stores
India Pavilion
Exhibition Grounds
Wembley, Middx.
Tel. 01-903 2508

Description of Goods: Miscellaneous office equipment and furniture etc. (Potential buyers are advised to refer to the official catalogue available from the auctioneers, price 20p)

Auctioneers: Messrs Hollingsworth
Westcombe House
56/58 Whitcomb Street
Leicester Square
London WC2H 7DR
Tel. 01-839 1875

More planning powers for district councils

Proposals to give district councils more responsibility for planning and development control were announced on 18 July by Tom King, Minister for Local Government and Environmental Services. He said the roles of counties and districts would be clarified, and this would improve the efficiency of local authorities and lead to a better and quicker service to the public. The announcement was made in a written parliamentary answer. The government proposes to introduce a bill on development control in the next parliamentary session, and is willing to receive – until 15 September – comments on the proposals.

Mr King said it was clear that the present arrangements for decision-making in the field of development control were wasteful. The government proposed to place this responsibility entirely with district councils, with two exceptions: applications for the development of minerals and applications straddling the boundaries of national parks would continue to be determined by counties. Development control arrangements within national parks would not be affected. The strategic planning role of county councils had to be protected but it would be the duty of district councils to ensure that this was achieved.

The county councils would have no formal powers of call-in or direction other than for highway purposes. Districts in their turn would have placed upon them certain statutory duties: to have regard to the provisions of structure plans; to adhere to prescribed departure procedures; and to consult the county on all strategic applications. Guidance on what should be regarded as strategic matters would be given in a national code of practice.

As regards local plans and concurrent planning powers, said Mr King, the government accepted proposals agreed by the local authority associations. Improved arrangements were proposed for county and district co-operation on development plan schemes and local plans. Regarding planning powers now exercised concurrently by county and district councils, rationalisation of responsibilities was proposed: the counties would relinquish their powers on advertisement control, notices requiring maintenance of waste land, town development and building preservation; counties' power on conservation areas, tree preservation orders, agreements regulating the development and use of land, and land acquisition for planning purposes would be modified; and powers to treat derelict land would remain concurrent.

The government had concluded that there were no grounds for transferring highway and traffic management responsibilities to district councils. It was convinced however that the operation of agency agreements between counties and districts were in urgent need of improvement. In order to provide a proper basis for this improvement to take place a code of practice would be drawn up.

The government had not yet reached a conclusion on whether any changes should be made in the allocation of concurrent powers outside the planning field, Mr King said. Saving only its decision on concurrent powers, the government had no further proposals for reallocating functions between counties and districts.

These proposals applied to all local authorities in England excluding London, he said. Their application to Wales was being considered by the Secretary of State for Wales.

In a press statement, Mr King said, 'The changes we are proposing will cut red tape, end duplication and speed the planning process. I also expect that they will lead to a saving of hundreds of local authority jobs and several millions of pounds a year.'

Customers' rights should be statutory – Law Commission

Customer's rights should be laid down clearly by statute says the Law Commission in a report published on 18 July. They should be the same whether the contract is one of sale, hire purchase, hire, exchange, or for work and materials – and that these rights should be laid down clearly by statute.

Consumer affairs minister Sally Oppenheim said in parliament that the overall recommendations would, if adopted, represent a significant extension to the statutory rights of customers. She was considering what action she should take in the light of the report.

The report is concerned with implied terms in contracts for the supply of goods other than by sale of hire purchase. There is currently some uncertainty about the legal rights of a customer who enters into a contract for the supply of goods through hire, exchange, barter, or for a combination of work and materials.

The report also recommends that an additional implied term on durability be included in all contracts for the sale or supply of goods. The statutory form which this might take is, however, being considered further in the context of the Law Commission's current reference on the implied terms of quality and fitness for purpose in contracts for the sale and supply of goods.

A proposal for the inclusion of an additional implied term on servicing facilities and the provision of spare parts was rejected. The Law Commission felt these matters were more suited to regulation through voluntary codes of practice than by a statutory provision.

Bankruptcy and winding-up fees

Fees for a notice inserted in the *London Gazette* were increased to £5.75 on 23 July 1979 when the Bankruptcy Fees (Amendment) Order 1979 and the Companies (Department of Trade) Fees (Amendment) Order 1979 came into operation. The fee was previously £3.75.

Merger proposals cleared

Secretary of State for Trade John Nott has decided, on the information at present before him, not to refer the following mergers to the Monopolies and Mergers Commission under the provisions of the Fair Trading Act 1973:

IAS Cargo Airlines Ltd/Transmeridian Air Cargo Ltd

Costain Group Ltd/Streeters of Godalming Ltd

Australia and New Zealand Banking Group Ltd/Bank of Adelaide Ltd

Norwest Holst Ltd/Marshall-Andrew (Holdings) Ltd

LCP Holdings Ltd/a minority interest in The Whitlock Corporation

Gateway Building Society/Sandy Building Society

Harrisons and Crosfield Ltd/the chrome chemicals business of PPG Industries Inc

Aurora Holdings Ltd/Edgar Allen, Balfour Ltd

Official appointment

Secretary of State for Trade John Nott has appointed Peter Sebastian as a member of the Performing Right Tribunal. The appointment is for three years, expiring on 30 June 1982.

Government sales

9 August – Miscellaneous stores

Location
Golden Lion Hotel, King Street, Stirling

Auctioneers
Dixon and Wallace Ltd (Dept L) Bank Buildings, Graham Square, Glasgow (041-554 2447)

Furniture and household effects, clothing and textiles, electrical, electronic and photographic equipment, vehicles including Land-Rovers, Bedford cargo trucks and coaches, Morris and Ford vans, SNO-Tric Ski scooters, cranes, forklift trucks, caravans, machine tools, paints and oils and a large collection of miscellaneous stores.

14 August – Miscellaneous stores

Location
Garrison Theatre, Graven Hill, Bicester, Oxon

Auctioneers
Midland Marts Ltd (Dept L), 4 Market Square, Bicester, Oxon (08692 2073)

Furniture and household effects, clothing and textiles, electrical and electronic equipment, vehicles and tyres, forklift trucks, machine tools and large collection of miscellaneous stores.

Catalogue price 40p, postage 15p.

Catalogues, which give details of the lots, conditions of sale, viewing times, etc, are available from the respective auctioneers from two weeks before and up to the day of the sale.

New publications

The information biz

Information is big business nowadays and the increasing number of both products and services on the market, presents problems for those who have the task of deciding which are the most relevant to their needs. Two recent directories, one general in coverage and one relating to business information, attempt to direct the user to the most appropriate sources. International in scope the 'Information trade directory' provides comprehensive listings of databases and print products in a variety of fields, together with details of organisations who collect, publish and retail the same. Apart from the descriptive alphabetical sequences there are also broad subject and geographical indexes to aid quick reference.

By contrast, 'The directory of computerised business information' deals primarily with those commercial data services available within the United Kingdom. It comprises two main sections – the first an alphabetical register of relevant business organisations together with details of the type, cost and availability of the services they provide. This is followed by a specific keyword subject index, potentially useful, but with some omissions. It appears to have been compiled from questionnaire returns (obviously varying in depth) rather than direct from the sources themselves. Nevertheless it usefully includes, for example, details of available videotext services including a listing of Prestel information providers.

Both these directories are appearing for the first time and it will be interesting to note how subsequent editions develop. Obviously with such a volatile industry as this, it is inevitable that certain information will become quickly out of date. Nonetheless both publications certainly provide much needed coverage in this important area.

The directory of computerised business information. Trade Research Publications, 6 Beech Hill Court, Berkhamsted, Herts HP4 2PR. 1979. VI, 146 pages; ringbound, £20.00 (ISBN 0 90478308 1).
Information trade directory: an international directory of information products and services. Learned Information Ltd, Besselsleigh Road, Abingdon, Oxford OX13 6EF. 1979. 270 pages; paperback. £12.50 (ISBN 0 8352 1079 0).

Want to buy a company?

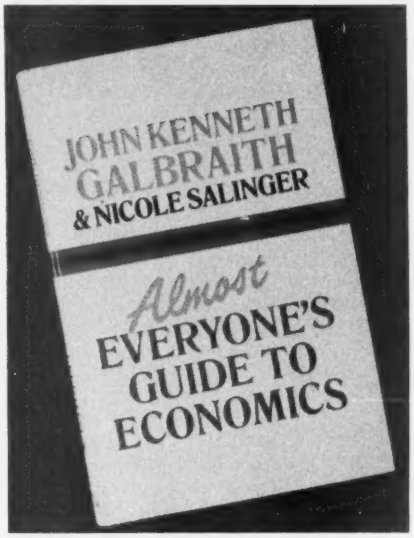
Plotting a course through a minefield of potential legal entanglements can entrap the unwary, even the specialist, when facing the full range of issues to be tackled in the efficient acquisition of a private company. This has become an activity of some popularity as a method of business expansion and investment, according to W. J. L. Knight author of a recent book on the subject. Taking a step-by-step approach, he endeavours to document all the information required at the inception of the negotiations. He had evaluated a wealth of published knowledge and the text is liberally interspersed with all the relevant sources and legal references for more detailed study.

Although there are some basic definitions of cited terminology, the author's main aim is to provide a short guide for the practising solicitor who is engaged in this area of work. The nature of the subject under analysis is however also of relevance to the other professions, for example accountants, when dealing with these matters.

Like the first edition, published in 1975, no attempt has been made to deal with the reasons for disposals or with their results. New material has been included in the second edition, notably on share premium account, pre-acquisition profits, pensions, accountants reports and title investigations, and taxation. There is also a useful additional appendix quoting the proposed changes in company law. The law stated in the text is that in force on 1 January 1979.

The acquisition of private companies, by W. J. L. Knight. 2nd edition. Oyez Publishing Limited, 1979. xxii, 265 pages; paperback £10.00 (ISBN 0 85120411 2).

Excuse me 'What is economics?'



'Good statesmanship has always required not only the comforting of the afflicted but the afflicting of the comfortable'. So J. K. Galbraith informs Nicole Salinger in his personal introduction to economics, the latest in Professor Galbraith's long line of publications. Ms Salinger plays her role as the intelligent layperson well, and we advance in successive chapters from basic questions such as 'What is economics and why should I try to understand it?' to the major themes of present discussion – the role of the market, nationalisation, multinational companies, monetary control and fiscal policy. Galbraith's proposal, in a chapter entitled 'What's to be done' on a comprehensive incomes and prices policy to counter inflation and rising unemployment, is sure to arouse controversy.

Galbraith is always lucid for he holds that economics, being concerned with the 'largest part of life', should be accessible to ordinary educated people. He has many rude things to say of the tendency of academic economists and financiers and bankers to mystify the subject. His style is entertaining and full of wit, though he is prone to dismiss views with which he disagrees, such as Milton Friedman's monetarism, with aphorisms rather than arguments. There are many more objective and systematic introductions to economics, but few which bring the reader so quickly to the heart of contemporary problems and none which make the subject seem so much fun.

Almost everyone's guide to economics, by John Kenneth Galbraith and Nicole Salinger. Andre Deutsch, 1979. 162 pages. £4.95. (ISBN 0 233 97125 4).

If you can't add up . . .

The need for a basic grounding in accounting and bookkeeping techniques is vital in making many business or management decisions, in spite of the aid of the financial expert. It is with the non-expert in mind that the book 'Finance for the non-accountant' was written. First published in 1970, it now appears in its third edition.

Author Laurence Rockley, writing clearly and not too technically, provides comprehensive coverage, including such topics as financial analysis, cost analysis and investment analysis. The text is usefully supplemented by worked examples, illustrations and charts. Also provided in the appendices are a glossary of common accounting and financial terms, an explanation of discounting techniques and tables of present values of £1.

Since publication of the second edition, certain sections have been updated and expanded – for example that on 'accounting for inflation' – although much of the text remains largely unaltered. A chapter on value added appears for the first time.

Written initially for the business student (Mr Rockley is a principal lecturer in accounting and financial analysis at Lanchester Polytechnic), the book relates to a far wider audience of those active in the business world for it must be remembered whatever post one holds, its never too late to learn.

Finance for the non-accountant, by L. E. Rockley. 3rd edition. Business Books, 1979. xiii, 337 pages; hardback £7.95. (ISBN 0 220 67021 8); paperback £4.95. (ISBN 0 220 67022 6).

Readers requiring copies of any of the publications mentioned on this page, should contact a bookseller or the publisher given at the end of each review. No requests for copies should be sent directly to *Trade and Industry*, unless otherwise stated.

Technology news

How to apply microprocessors

Competition, a demand for improved product performance and responses to current economic needs, such as energy conservation, motivated eight successful microprocessor applications in the United States. Amounting to a 'how to apply microprocessors to your product', the lessons to be learned from these applications are contained in a extensive study carried out by researchers at the Massachusetts Institute of Technology for the office of the Chief Scientist and Engineer of the Department of Industry.

The impression that the researchers drew from their study is that straightforward applications are occurring rapidly today, entry costs are low, capital requirements are modest and product designs can be achieved relatively quickly and inexpensively. They suspect, however, that as more and more sophisticated electronics become available it will take a greater degree of sophistication of people, designs, software and production capabilities to compete in this technology.

Rising entry costs

The entry costs may begin to rise. Firms late in entering the race may be seriously disadvantaged when compared with those that are today beginning to develop skills and understanding in the application of microprocessors.

For established firms, the researchers indicate that the use of microprocessors has stemmed either from demands to revitalise their product lines or by desires on the part of engineers and managers for more rapid change within the company's products. This has led to new product capabilities and to the rise of new skills and design philosophies within the firms, strengthening their ability to compete.

Smaller firms have as great an ability, with the advent of the microprocessor and associated electronics, to create and produce high performance products as do firms with greater size and financial resources. While for newer firms, suggest the researchers, the innovative use of microprocessors have dramatically lowered the barriers to market entry.

'Not much' is the answer the researchers found to the question of what was involved in generating a successful microprocessor-based product. The investment needed to develop a microprocessor application, whether considered in terms of manpower, time or money, is modest. Engineering development teams were found to be quite small, ranging from two or three people to no more than 20.

While the change in product performance may be revolutionary, the effect on the production processes may be quite minor. Where standard components are used, only the assembly and testing processes may be affected. Little is needed in the way of assembly equipment and test equipment costs tend to be low relative to production costs.

Further information about the MIT report 'Microprocessor applications: cases and observations' is available from Policy and Perspectives Unit, RTP Division, Department of Industry, Abell House, London SW1P 4LN, tel. 01-211 6581.

Machine-tool bases built in concrete have advantages

A milling machine and a lathe both of which had been built with bases made of concrete instead of cast iron were demonstrated recently by the Machine Tool Industry Research Association (MTIRA). The bases were designed and manufactured in cooperation with the Cement and Concrete Association and with financial support from the mechanical engineering and machine tools requirements board of the Department of Industry.

Many machine tools and other machines could, with advantage, be built with concrete instead of cast iron or mild steel for some components and a number of machine tool manufacturers have already taken advantage of the experience that MTIRA has gained in this field. The association, which in recent years has pioneered the use of concrete as a structural material for machines, can advise realistically on the cost and technical effectiveness of this use of an old material in a new way.

More than a decade ago MTIRA showed that, provided that the appropriate simple precautions were taken, a concrete structure is just as stable in conditions of varying humidity and temperature as is one made from cast iron. However, it is only recently that the technology required for the effective use of concrete for machine structures has been developed and that the full advantages of its use have been appreciated.

As a structural material concrete has both advantages and disadvantages compared to cast iron or mild steel. The material as used by MTIRA is made from simple ingredients readily available almost anywhere and concrete castings are readily obtainable. Other advantages include lower cost, less energy required for manufacture, increased material damping and greater thermal capacity.

The disadvantages include the low tensile strength and modulus of elasticity of concrete; the first of these can be overcome by the use of reinforcement or by using epoxy resin to replace some or all of the cement and the second by the use of thicker sections. Different methods of attaching components such as slideways and headstocks, are necessary.

Further information is available from Leigh Hunt at MTIRA, Hulley Road, Macclesfield, tel. Macclesfield 25421.

Special projects to examine micro software

The use of high level programming languages for microprocessors is to be examined in one of two special projects set up by the National Computing Centre. It will study the characteristics of various languages, their suitability for particular applications, the versions of the language available and the way in which they are being marketed.

The second project will study the application packages available on microprocessors, and will place particular emphasis on the support provided by suppliers.

As part of these projects, a questionnaire is being distributed to over 800 suppliers of computer software to determine the software and support services currently available. The results of these studies will subsequently be made available in NCC publications.

Any supplier of microprocessor software who wishes to contribute is invited to contact NCC. NCC is also anxious to receive the comments of any users of microprocessors high level languages or application packages who feel that they have valuable practical experience.

Interested parties should contact Lyndon Morgan, microprocessor development team leader at the NCC, Oxford Road, Manchester M1 7ED, tel. 061-228 6333.

Microprocessor application project

The Department of Industry's microprocessor application project, to which £55 million has been allocated, is designed to encourage UK industry to apply microprocessor technology to a wide range of its products and processes. Assistance, which is open to all sectors of UK manufacturing industry, is available as follows:

1 industrial awareness and training: the Department of Industry will expand and underwrite selected training courses to alert industry to the potential of microprocessors

2 feasibility studies and consultancy support: a refund of up to £2,000 will be made to companies seeking professional advice on the potential for incorporating microprocessors within their manufacturing processes and end product design

3 microprocessor application support: financial assistance is available for projects involving the application of microprocessors in production processes and end products. Project size at least £10,000.

Inquiries: MAP Information Centre, Department of Industry, LA Division, Dean Bradley House, 52 Horseferry Road, London SW1P 2AG, tel. 01-212 0839 for more information.

BSI improves quality assurance glossary

A much more comprehensive quality assurance vocabulary has been published by the British Standards Institution. Arranged conceptually, many of the principal interface terms are preceded by an explanation of the concept on which the definition is based.

Entitled BS 4778 'Glossary of terms used in quality assurance (including reliability and maintainability terms)' it is available, price £8.80, from BSI sales department.

The eight years since the original BS 4778 appeared have seen a considerable growth of interest with regard to the quality of both products and services in response to market demand, consumer protection and product liability considerations. Consequently the need has been recognised for the development of a quality assurance vocabulary to cover, in a more comprehensive manner, terminology in areas such as quality management, costing and control, reliability, maintainability, certification and risk management.

In this revised version of BS 4778, the opportunity has been taken, in the interest of European and international standardisation, to adopt terms and definitions from EOQC, ISO and IEC publications where these are in general accord with established usage of the term in the UK. However, there are a number of terms for which the existing English definitions from a source other than EOQC, ISO and IEC have been adopted. This has been done either because they more accurately reflect the established UK usage, or because a more colloquially worded English version of a European or international definition is preferred; in some cases it is because there are no existing European or international definitions for the term.

BL forms technology subsidiary

Technical advances in BL Ltd's new products and manufacturing operations are to be developed and introduced by a newly formed wholly-owned subsidiary of BL called BL Technology Ltd.

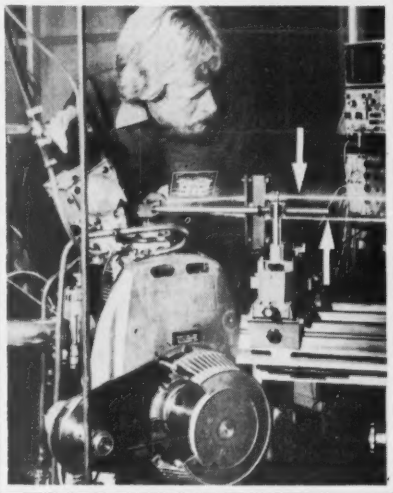
The role of the new company will be to develop a long-term technology strategy and advanced manufacturing technology. It will carry out product and manufacturing engineering research, develop advanced vehicle and component concepts and promote relevant technology in forward product programmes. In addition it will provide centralised test and evaluation services to the three BL car companies and a corporate technical audit.

BL Technology Ltd will also be responsible for the efficient management of advanced engineering resources and will be recruiting specialist engineers to maintain BL's position as a leader in applying new technology within the motor industry.

The board of directors, under the chairmanship of David Andrews (executive vice-chairman of BL Ltd), is drawn from distinguished and experienced engineers and scientists from within British industry, research and academic institutions, and BL itself.

BL looks at combustion with lasers

Research using lasers to show how engine fuel and exhaust gases behave during combustion could lead to an increase in Jaguar Rover Triumph Ltd's export sales. The work is being carried out by BL Cars' advanced technology department to reduce exhaust pollutants and cut fuel consumption. Special equipment worth £100,000, supplied by the Harwell atomic research establishment, beams lasers through a 1 in thick quartz glass window in the top of a single cylinder engine, while it is firing.



Operational conditions for V clamps simulated

Stress analysis of a pressurised V band clamp assembly being carried out at the new Redditch clamp technology centre of Hymatic Clamps International Ltd. The centre enables the company to demonstrate how these clamps, used to join circular objects together, perform under simulated operational conditions. Test clamps can be subjected to tensile, bending and internal pressure loading to evaluate fully their performance spectra. Facilities exist in the new centre for dynamic loading of clamps and flange assemblies, and for practical investigations into material strengths and assembly methods.

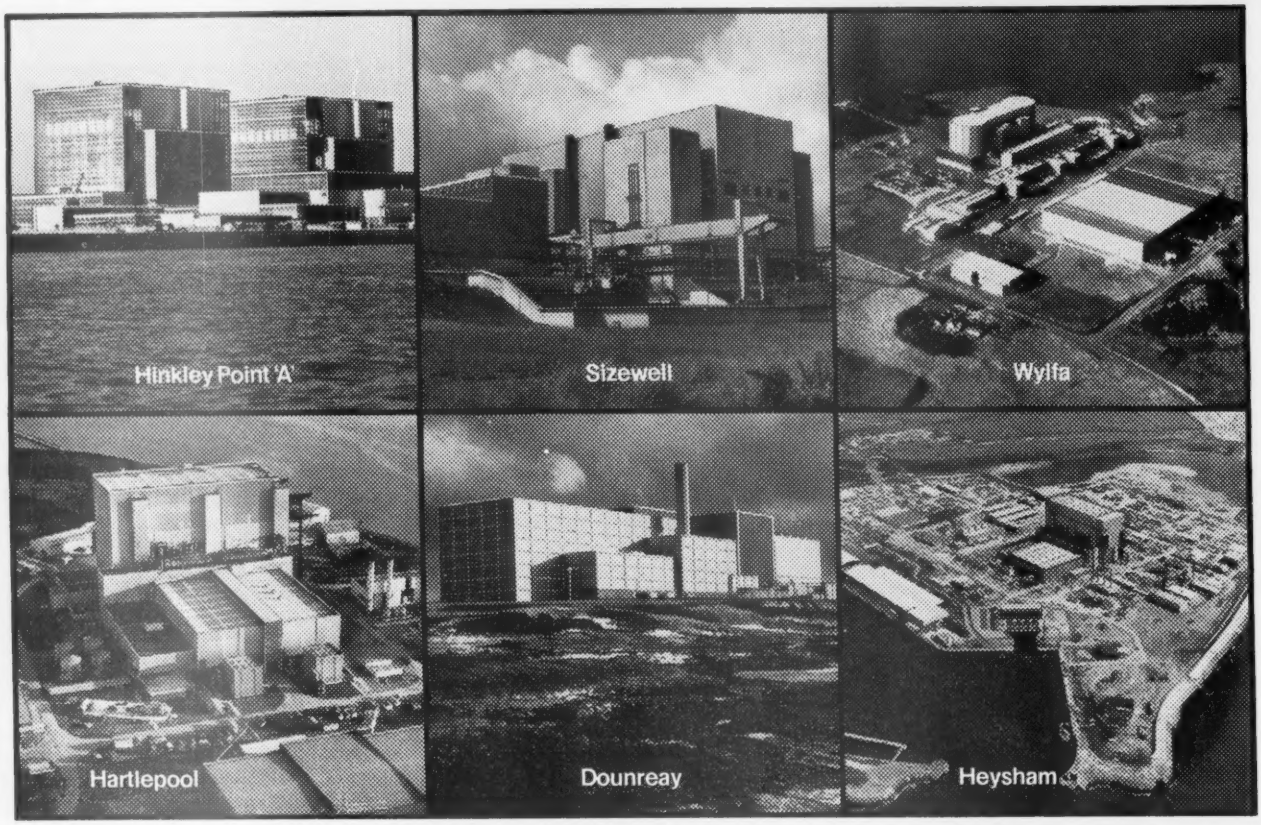
Ariane hold-down system completed by BAe

Design, supply and testing of the vital hold-down release system for the European Space Agency's Ariane launcher has been completed by the Stevenage space facility of British Aerospace Dynamics Group. BAe were subcontractors to the Centre National d'Etudes Spatiales (CNES) for this £1.85 million project.

The hold-down system comprises four hydraulically-actuated quick-release retaining arms with the associated control electronics. The arms restrain Ariane on its launch pad when the rocket motors are developing their full power. When release is initiated, the control system ensures that the arms release and retract in synchronisation. The design is based on a similar system developed for the British Blue Streak rocket.

The system has been installed and completed all its acceptance tests at the Ariane launch site in Kourou, French Guiana. Structural and flexure tests on a single arm assembly were completed at the Stevenage space facility.

The way ahead with nuclear power.



It is now 25 years since Calder Hall was conceived and built and the UKAEA deserve our congratulations for their efforts and achievements in the peaceful development of nuclear power during that time.

Taylor Woodrow built Calder Hall, and has been a major force in the construction of six more nuclear power stations in the UK since Calder Hall.

Our work in the design of pre-stressed concrete pressure vessels has made us a world leader in this field, and we have applied much of the knowledge we've gained from our nuclear energy work to the benefit of other large construction projects.

The past 25 years have not been without their trials and tribulations, but our country's future depends upon nuclear energy. And we progress, by using high level expertise with the wisdom of experience.

Taylor Woodrow is proud of its close association with the UKAEA and looks forward to the day when nuclear power, used peacefully, is harnessed to the satisfaction of one and all.

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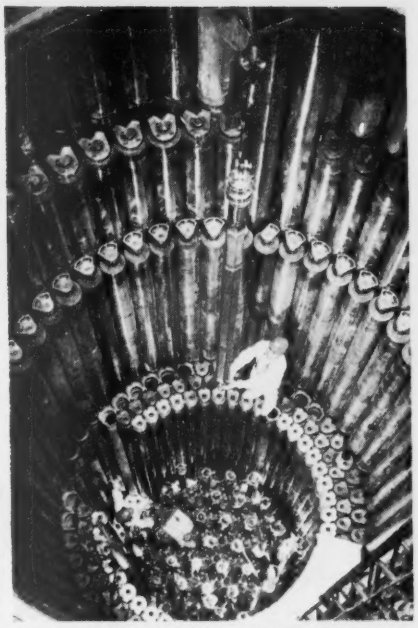
For further information call Ted Page at Taywood House, or, for overseas, call Don Venus at Western House.

UK–Taylor Woodrow Construction Ltd., Taywood House, 345 Ruislip Road, Southall, Middlesex UB1 2QX. Tel: 01-578 2366.

Overseas–Taylor Woodrow International Ltd., Western House, Western Avenue, London W5 1EU. Tel: 01-997 6641.

Keeping ahead in nuclear technology



Core tank of the 250 MW prototype fast reactor.

Nuclear power in the last quarter-century has matured from the experimental to the industrial stage with stations now producing 14 per cent of Britain's electricity. This will soon increase to 20 per cent when new plants are completed. These figures give the measure of 25 years of research and development, celebrated by the United Kingdom Atomic Energy Authority on 19 July, that have placed Britain in the forefront of nuclear technology.

The authority was brought into being by act of parliament in 1954. Since then it has been engaged in research, development and the use of atomic power and with providing the basic designs and knowledge for the nuclear industry – the users and the constructors. The manufacture and enrichment of nuclear fuels and the reprocessing of spent fuel have been further developed not only to support Britain's nuclear programme but to provide services for overseas customers. In the process the authority has helped to develop safety standards second to none and contributed to the very high safety standards in the operation of nuclear plants.

A new industry has expanded in the field of radiochemicals and isotopes for hospitals and factories. Research and development work on the next generation of power reactors is well advanced and the development of fusion power with its almost unlimited fuel source has been taken a long way forward.

In October 1956 the world's first commercial nuclear power station, Calder Hall, was opened by the Queen. The major users of nuclear power have been the Central Electricity Generating Board and the South of Scotland Generating Board who now rely on nuclear power stations to meet a large portion of their base load demands.

The magnox gas-cooled reactor design – so named because of the material used to encase its fuel elements – developed from Calder Hall proved to be an extremely sound nuclear work-horse and the network of 11 magnox nuclear stations have put in many years of solid and reliable performance and produce electricity cheaper than coal or oil-fired power stations. The second generation of nuclear power stations in Britain use advanced gas-cooled reactors (AGR) developed from the magnox reactors. Two are in operation, three under construction and two more have been ordered.

Side by side with the development of the AGR has been the work on a different and far more efficient reactor system – the fast reactor. The Dounreay fast reactor (DFR) built in the north of Scotland proved the feasibility of the system for generating electricity. Fast reactors can utilise uranium resources up to 60 times more efficiently than thermal reactors such as the magnox, AGR or the American water-cooled reactor systems.

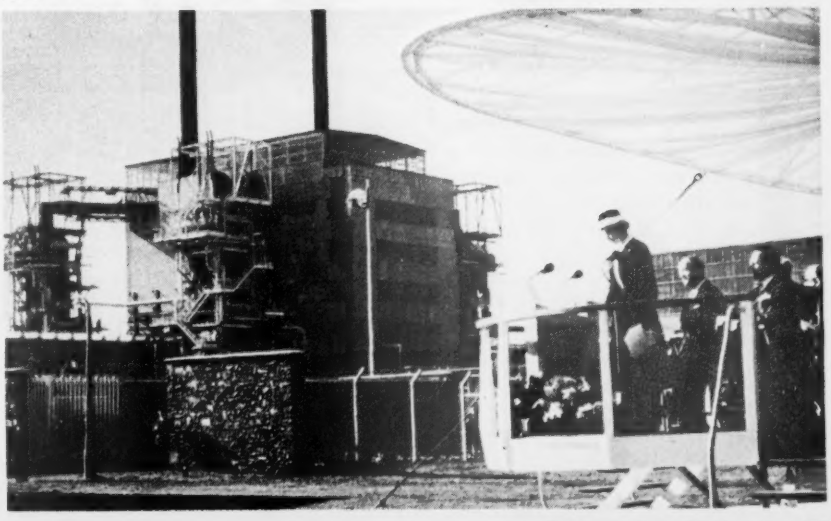
The original fast reactor at Dounreay has been closed down after a completely successful research programme. From it has been developed the larger and far more powerful prototype fast reactor (PFR) also at Dounreay, which is designed to produce enough electricity to supply a town the size of Aberdeen. This is now providing information and operating experience for the final stage of development, the commercial demonstration fast reactor, a full-size machine that will be the model for reactors that could contribute significantly to Britain's power requirements during the early part of the twenty-first century.

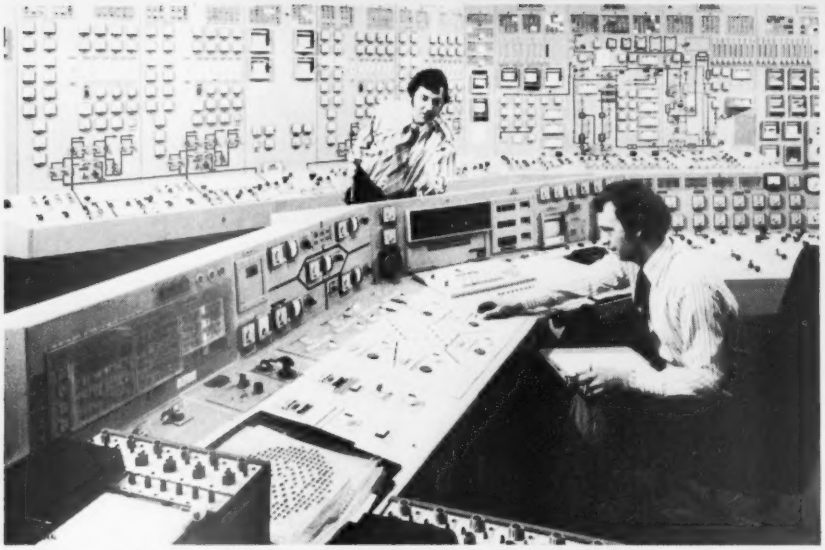
The fast reactor is different from magnox and AGR plants in that it uses plutonium – a by-product of the magnox and AGR reactors – as fuel. It also has the unique ability to convert the unusable form of uranium into more plutonium fuel, thereby earning the name 'breeder reactor'. Britain has enough of this type of uranium in store to provide an energy source equivalent to our known coal reserves. Over a period of time not only can a fast reactor produce its own fuel, it can produce fuel to start up other fast reactors. It is not, however, inevitable that these reactors will increase the world plutonium stocks as they can be programmed to produce just enough to replace the fuel they use, or simply to use it up.

The other main thrust of the authority's research programme in collaboration with the other countries of the European Economic Community is into fusion power – the almost unlimited power that is released when atoms can be persuaded to fuse together. Fusion is the source of the sun's energy and if a similar process can be started inside a reactor, stocks of the fuels, deuterium and lithium, can be counted in centuries. Beyond this, in the far future, is the possibility that the sun's reaction could be duplicated on Earth in which case fuel stocks could be counted in hundreds of millions of years as sea water could be used to produce the necessary hydrogen.

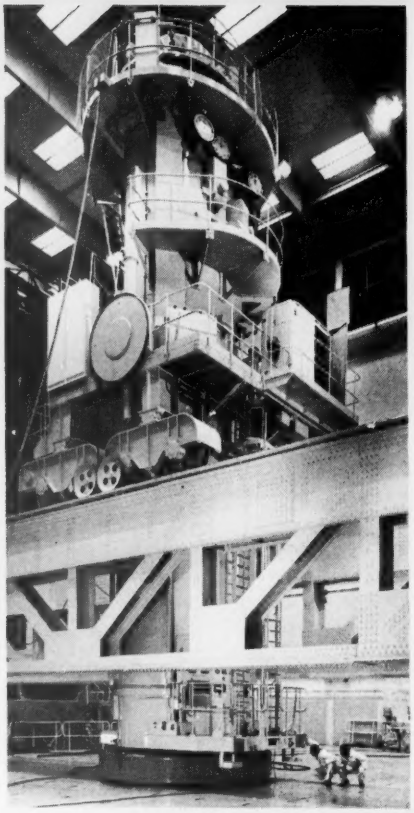
Without the enormous mass and internal forces of the sun at their command, researchers must achieve far higher temperatures in their apparatus than those found within the sun. While the sun works at about 15 million degrees Celsius, temperatures of up to 100 million degrees Celsius may have to be achieved on Earth for the reaction to start. Temperatures of 70 million degrees Celsius have been

Calder Hall, the world's first large-scale nuclear power station, opened by the Queen in October 1956.





Control room of the two advanced gas-cooled reactors at Hunterston 'B'.



Fuel loading and discharge at CEGB's 300 MW magnox station at Bradwell.

reached but there is much to learn about confining gases or 'plasma' at higher temperatures within magnetic fields, and for longer periods of time.

The fusion project is now situated at Culham in Oxfordshire where the Joint European Torus, the latest and largest experimental fusion machine is being built. Early fusion work was carried out at the authority's research establishment at Harwell.

In all aspects of nuclear development, safety has been held by the authority to be of paramount importance. Its own organisation, the Safety and Reliability Directorate, is an internationally respected and consulted organisation that has contributed to the development of new concepts of safety and helped to achieve a safety record in the nuclear industry in Britain that cannot be matched in any other human activity.

The directorate played an important part in working out a logical system for the estimate of

Nuclear Britain

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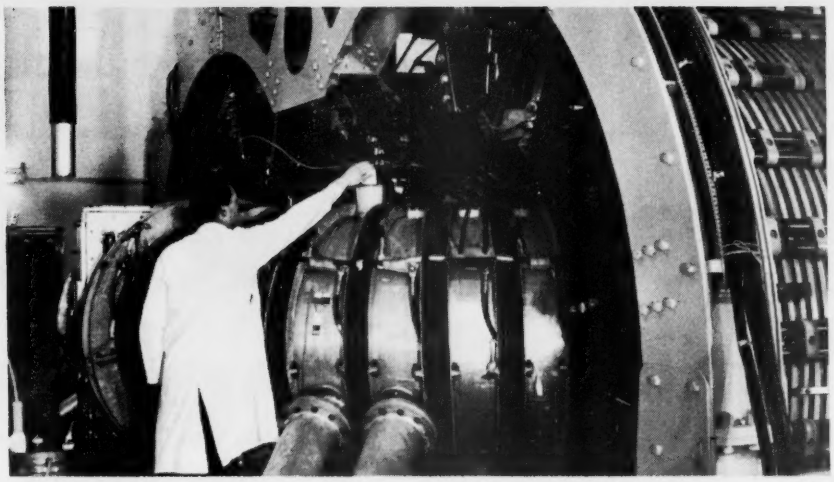
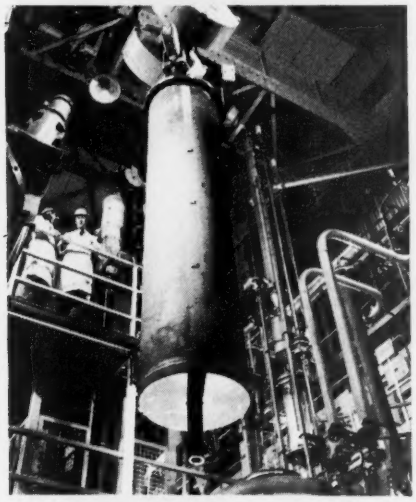


Zeta, an early UKAEA experiment in controlled nuclear fusion, achieved 5 million degrees Celsius.

failures and resulting accidents and developed the present system of 'fault tree' and 'event tree' techniques. It has developed special skills and expertise in risk assessment, reliability technology, accident analysis and quality assurance. The directorate's techniques are also applied to safety assessments outside the nuclear industry.

An inevitable part of the nuclear industry as in other industries is the production of waste. Spent fuel from a reactor is very highly radioactive and potentially a very unpleasant material. Safe ways have been developed of removing this material from reactors, transporting it to Windscale – now operated by British Nuclear Fuels Ltd – reprocessing the spent fuel to recover the valuable uranium that accounts for about 97 per cent of the material, extracting the 1 per cent of plutonium for storage and use in fast reactors, and treating and storing in liquid form, the highly active waste products.



Experimental conversion into glass of highly active nuclear waste.

An intensive programme of development is under way to find safe ways of permanent disposal of this small amount of material. As a first step the liquid waste will be converted into a solid by fusing it with a special type of glass. The glass cylinder sheathed in steel will be stored for several decades before disposal either deep underground or on or under the sea bed. Research into the best methods of ultimate disposal is being carried out by the authority and other organisations on behalf of the government.

As nuclear power has developed, the organisation of the authority has been changed in the interests of efficiency. It now has no responsibility for nuclear weapons development. The Radiochemical Centre which produces radioactive materials for medical and industrial purposes is now an independent company and British Nuclear Fuels Ltd has taken over all the work on manufacturing and enrichment of fuel and reprocessing. The authority holds all the shares of these two companies on behalf of the government.

Projects and services operated by the authority in which expertise is applied outside the nuclear field include the National Centre for Tribology, the Hazardous Materials Service (that deals with industrial waste), the National Centre for Systems Reliability, the High Temperature Chemical Technology Centre, the Heat Transfer and Fluid Flow Service, the Non-Destructive Testing Centre and the Energy Technological Support Unit.

UKAEA's radiological and safety division's shadow shield body monitor for identifying radioactive isotopes.

Establishments of the UKAEA

Harwell in Oxfordshire is concerned with basic research, reactor research and development of materials. It also undertakes a great deal of work, much of it not related to nuclear energy, for the government and for industry. Techniques have been developed to aid the North Sea oil industry and a lot of work is being done in the study and development of the internal combustion engine and on materials and processes for the chemical and construction industries.

Winfrith in Dorset is the site of experimental physics reactors that contribute information to the thermal and fast reactor programmes and is the centre for much safety research. It is also the site of investigations into materials behaviour under high stress. The experimental steam generating heavy water reactor (SGHWR) is also sited at Winfrith. At one stage it was thought that the SGHWR might form the basis for a new generation of nuclear power stations but it was decided not to proceed with this project. It continues to contribute power to the electricity grid.

Culham in Oxfordshire is the fusion research centre.

Risley in Cheshire is the base for the authority's development and engineering centre. It offers a design and project management service to the authority and to outside bodies, undertakes studies of reactor performance and safety and studies long-range trends in energy requirements. It is also the site of laboratories carrying out studies and tests for all stages of reactor development.

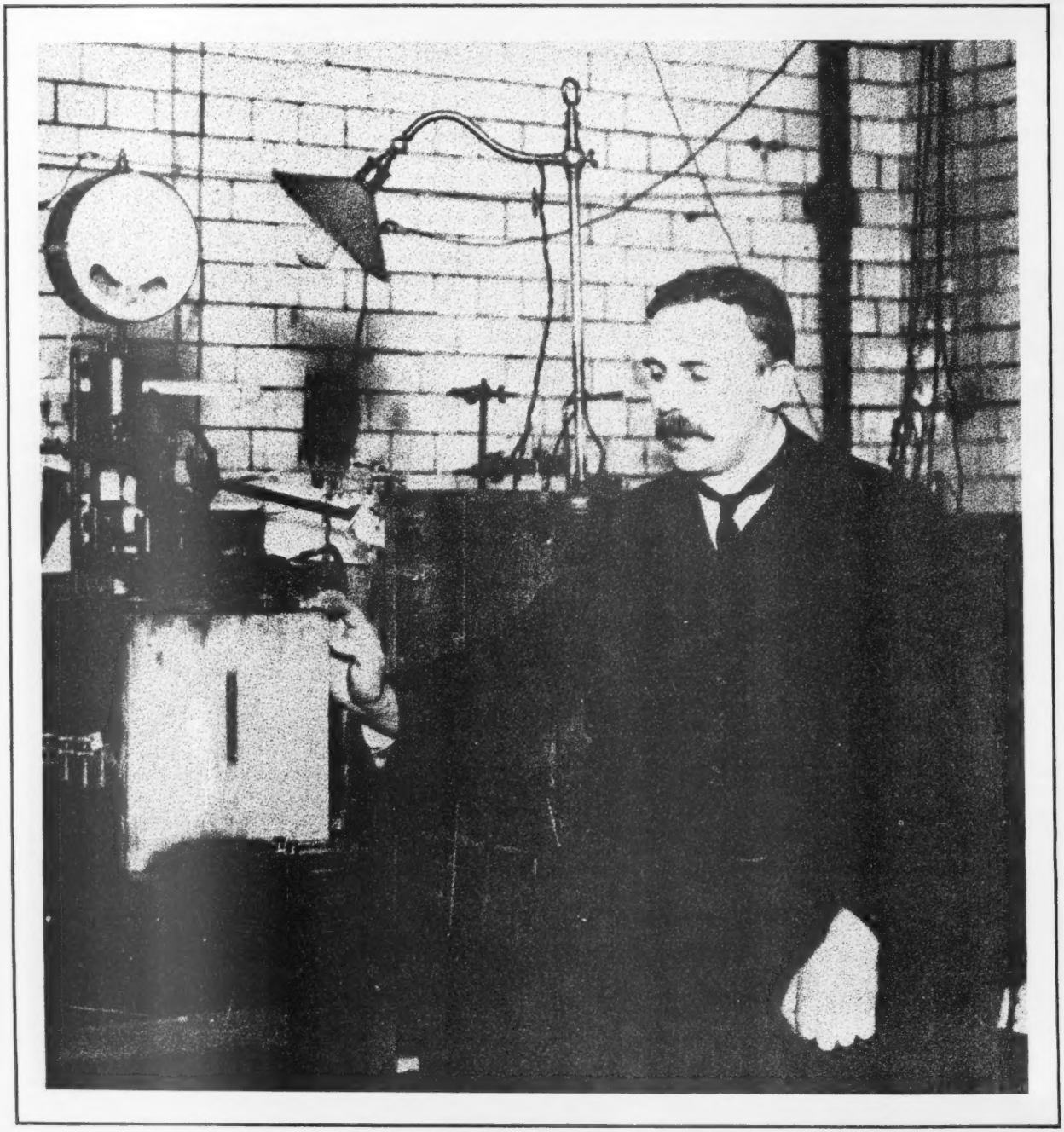
Culcheth, also in Cheshire, is the home of the Safety and Reliability Directorate.

Dounreay, Caithness, Scotland, is the principal centre for fast reactor work.

Springfields, Lancashire, alongside British Nuclear Fuels Ltd's fuel manufacturing plant, is where the authority has laboratories concerned with the development of fuels and their containers.

Windscale, Cumbria, by BNFL's reprocessing plant, is the site of the authority's laboratories concerned with the examination of fuel and fuel development, and test rigs. It is also the site of the prototype advanced gas-cooled reactor.

Ernest Rutherfo
remembered for t
in Manche



rd will always be he split he caused ster in 1911.

Until the end of the 19th century, it had been accepted that the atom was the smallest particle of matter possible.

A view that had remained virtually unchanged since Dalton first suggested it in 1803.

This 'atomic theory' seemed firmly established, with little likelihood of any further developments.

Then came the dramatic change of thinking caused by the discovery of radioactivity.

These mysterious radiations seemed to be fragments of exploding atoms. So clearly, the atom was not something that couldn't be split into smaller parts.

But what exactly were these 'sub atomic' particles?

One of the first people to furnish an answer was Ernest Rutherford, working at Manchester University in 1911.

In a series of experiments, culminating in what became popularly known as 'splitting the atom,' he was able to identify the existence of the nucleus.

Thus ensuring a place for himself in the history books, and opening the way for others to explore the potential of the atom as a source of power.

Another famous name, Fairey, is supporting this work today with its specialist engineering. Thereby contributing another chapter to the fascinating, and still continuing, story of the atom.

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New products

Freepost reader service

For further information on items in this section, circle the corresponding number on the reader services page near the end of the magazine.

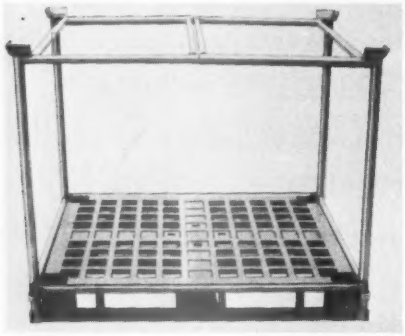
Anti-crush stacking frame

To prevent goods from being crushed when stacked on plastic pallets Sentor Engineering, Eastleigh, has produced an easy-to-handle tubular steel stacking frame. The frame, which dismantles into two intersecting panels, is designed for use with plastic pallets. The top part of the frame provides support for the next pallet when stacked enabling a considerable vertical stacking height to be achieved, and rigidity where unstable products have to be stored. The frame can be fitted with optional sides and ends with either vertical bars or wire mesh as well as removable gates.

A load retaining frame to fit around plastic or timber pallets has also been launched by Sentor Engineering. It breaks down into four flat panels for storage. The tubular steel frame has a wire mesh infill and is supplied in a standard size to fit 1200 by 1000 mm pallets with 915 mm load height. The Sentor load retaining frame is of particular interest where goods and products which are difficult to stack can easily be retained with this highly adaptable system.

Further information: circle 553

Sentor anti-crush stacking frame.

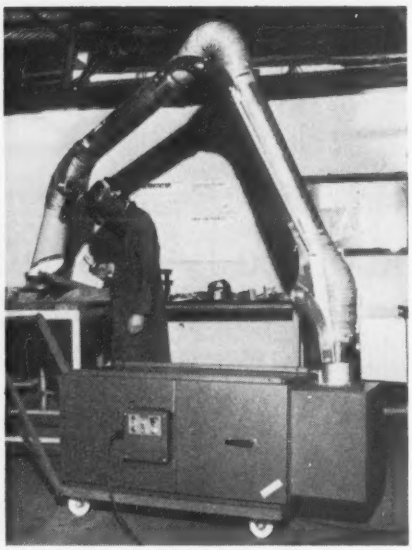


Mobile smog-catcher for welding fume

The mobile fume collector, 'Smog-Mobile' introduced by Horizon Mechanical Services (International) Ltd is principally designed for welding fume application, but is also suitable for other applications such as metal-spray fume, soldering fume, or fine dusts.

The unit is designed around the established Horizon model SE 11 unit but incorporates a high-performance fan/motor assembly which gives high suction and collection power at source with the Horizon Rambler arm attachment.

The equipment works on the electrostatic principle giving an efficiency, it is claimed, of



Smog-Mobile.

up to 99 per cent on particles as small as 0.01 microns in size. The collecting cells of Horizon units are manufactured from aluminium, only requiring periodic cleaning and not replacement.

The unit is powered by a 0.75 kW motor which can be wound for 110 volts, 240 volts or 415 volts electrical supply.

Further information: circle 554

Forklift truck for rough terrain

Powered by a 58 kW (78 hp) diesel engine, a two-wheel-drive rough terrain forklift truck introduced by Sanderson (Forklifts) Ltd, will lift 3175 kg (7000 lb) at a load centre of 610 mm (24 in). It is designed for the agricultural, construction, mechanical handling and warehousing industries.

The SB70 truck is available with either manual or torque converter transmission. Clear visibility through the lifting mast is achieved by positioning the twin hydraulic lifting rams behind the mast columns instead of between them.

The forklift has a 113-litre/min (25 gal/min) hydraulic pump, with a 200-litre (44 gal) in-line filter, fed from a 95-litre (21 gal) detachable hydraulic tank. For ease of access to the hydraulic system and transmission, the truck is fitted with a tipping cab module which is combined with a hinged engine cover. The flat-deck walk-through cab is fitted with a suspension seat, adjustable vertically and horizontally. Fingertip controlled hydrostatic steering and hydraulic control levers are designed to enable the operator to place the load quickly and precisely.

Further information: circle 555

Forklift truck for rough terrain.

Self-adhesive tapes in three colours

A new range of vinyl pressure sensitive self-adhesive tapes introduced by British Industrial Fastenings Ltd, can be printed according to customer specification in up to three colours, including reversed-out lettering.

Further information: circle 556

Parliament

Monday, 16 July

Regional development grants

Kenneth Baker (City of Westminster, St Marylebone) asked what sums of regional development grant were paid in 1972-73, 1973-74, 1974-75, 1975-76, 1976-77, 1977-78 and 1978-79 to: a *special development areas,* b *development areas and* c *intermediate areas, at 1978 survey prices.*

Mr Mitchell gave the following information:

REGIONAL DEVELOPMENT GRANTS PAID
£ million (at 1978 survey prices)

	Special development areas	Development areas	Intermediate areas	Total
1972-73	8	8	1	17
1973-74	78	123	20	221
1974-75	131	183	40	354
1975-76	170	213	44	427
1976-77	184	228	42	454
1977-78	156	198	32	386
1978-79	176	215	39	430

Imported motor vehicles

Kenneth Baker (City of Westminster, St Marylebone) asked what percentage of new motor vehicles sold in the UK for each year from 1950 to 1978 were imported.

Mr Mitchell gave the following information:

Per cent

	Cars	Goods vehicles
1965	5.1	n.a.
1966	6.4	n.a.
1967	8.3	n.a.
1968	8.3	2.0
1969	10.4	2.6
1970	14.3	4.0
1971	19.3	6.4
1972	23.5	n.a.
1973	27.4	13.7
1974	27.9	13.8
1975	33.2	11.2
1976	37.9	13.9
1977	45.4	16.5
1978	49.3	21.8

Source: Society of Motor Manufacturers and Traders.
n.a. Not available.

Foundry grants

Betty Boothroyd (West Bromwich West) asked for a list of all the various financial schemes offered over the last five years to the foundry industry and the foundry industry training committee, and the actual financial support paid out.

Mr Marshall said that under section 8 of the 1972 Industry Act, selective financial assistance had been offered to the ferrous foundry industry under the ferrous foundry scheme for approved project expenditure in the period August 1975 to August 1980. The amount paid out in grants up to May 1979 was £25 million. Similarly, assistance had been and was being offered to the non-ferrous industry for approved project expenditure in the period January 1977 to March 1981 and grants paid out up to May 1979 amounted to nearly £3 million.

Mr Marshall said he had been told by the Secretary of State for Employment that the public funds offered to the foundry industry training committee in each of the last five financial years and the amounts paid to the committee during that period were as in the table (below):

£

	1975-76		1976-77		1977-78		1978-79		1979-80	
	Offered	Paid	Offered	Paid	Offered	Paid	Offered	Paid	Offered	Paid
Operating expenses	595 000	558 624	706 000	614 715	782 680	750 124	934 600	814 543	939 000	Not yet known
Key training grants	178 000	139 095	199 000	139 430	155 000	151 975	146 000	94 720	310 000	Not yet known
Special training measures during recession [1]	521 225	220 125	459 500	542 400	658 750	551 200	765 000	629 350	—	Not yet known
Total	1 294 225	917 844	1 364 500	1 296 545	1 596 430	1 453 299	1 845 600	1 538 613	1 249 000	Not yet known

[1] The offers in respect of special training measures were not made on a financial year basis.

UK shipbuilding orders

Kenneth Baker (City of Westminister, St Marylebone) asked what percentage of the world order book for shipbuilding was placed with UK shipbuilders for each year from 1950 to 1978.

Mr Marshall gave the following information:

UK PERCENTAGE SHARE OF WORLD TOTAL (MERCHANT SHIPS (100 GROSS TONS AND OVER)

	Under construction at end year
1950	42.4
1951	40.2
1952	35.1
1953	34.5
1954	36.6
1955	33.7
1956	26.5
1957	23.6
1958	22.3
1959	21.2
	Order book at end year
1960	13.6
1961	10.1
1962	10.6
1963	10.0
1964	10.1
1965	10.3
1966	7.0
1967	5.9
1968	7.8
1969	8.5
1970	6.4
1971	5.9
1972	4.9
1973	5.8
1974	5.1
1975	6.0
1976	5.3
1977	6.0
1978	4.8

UK videotape production

Renée Short (Wolverhampton North East) asked what action was being taken to encourage British electronic firms to capture a larger share of the rapidly expanding videotape recorder market.

Mr Mitchell said there was currently no manufacture of videotape recorders in the UK. The Department of Industry had urged both British and foreign firms operating in the UK to start manufacturing in the UK as soon as both market and technological developments made such a proposition commercially justifiable.

Steel production

Kenneth Baker (City of Westminster, St Marylebone) asked how many man-hours it took for steel workers to manufacture 1 tonne of steel in: a *Germany,* b *France,* c *the United States, and* d *Great Britain, in 1978 or the latest year for which figures are available.*

Mr Marshall gave the following information:

MAN HOURS WORKED PER TONNE OF CRUDE STEEL PRODUCED

	1977	1978
West Germany	6.5	5.9
France	7.2	6.4
United States	7.7	n.a.
United Kingdom	11.9	10.9

Sources: Statistical Office of the European Communities, United Nations, Economic Commission for Europe.
n.a. Not available.

Ministers

Department of Industry

Secretary of State: Sir Keith Joseph
Ministers of State: Adam Butler
Lord Trenchard
Parliamentary Under-Secretaries of State: Michael Marshall
David Mitchell

Department of Trade

Secretary of State: John Nott
Ministers of State: Sally Oppenheim
Cecil Parkinson
Parliamentary Under-Secretaries of State: Norman Tebbit
Reginald Eyre

Coal and oil exports to Irish Republic

Mr McCusker (Armagh) asked how much coal, oil and petroleum products had been exported from Great Britain to the Republic of Ireland during the past five years.

Mr Parkinson gave the following details:

COAL EXPORTS — Thousand tonnes

1974	1975	1976	1977	1978
113	179	94	165	202

Source: Overseas Trade Statistics of the UK (SITC(Rev 2) sub-groups 322.1 and 2).

PETROLEUM AND PETROLEUM PRODUCTS — Thousand tonnes

1974	1975	1976	1977	1978
3 199	3 046	3 786	3 197	3 436

Source: Overseas Trade Statistics of the UK (SITC(Rev 2) division 33 and sub-groups 341.3 and 4).

BA's Madrid to Gibraltar service

Albert McQuarrie (East Aberdeenshire) asked why British Airways had ceased to operate the Gibraltar-Madrid service since 1 April.

Mr Tebbit said that this was entirely a matter for British Airways but he understood that the decision to cease operating its Madrid-Gibraltar service was taken on purely economic grounds. The link was a sector of BA's London-Gibraltar service, but since very little traffic was carried between Madrid and Gibraltar it had resulted in a loss estimated at over £100,000 a year. The London-Madrid traffic had been easily accommodated on British Airways' other services to Madrid, and the elimination of the stop at Madrid had released much-needed capacity for London-Gibraltar traffic.

Electronic components

Norman Buchan (West Renfrewshire) asked what were the latest import and export figures on electronic components.

Mr Tebbit replied that in the first five months of 1979, imports of radio and electronic components were valued at £263 million cif, and exports at £278 million fob.

Tuesday, 17 July

Closure of post offices

Clement Freud (Isle of Ely) asked how many post offices and sub-post offices had been closed in England in each of the last three years.

Mr Marshall said the net figures (ie closures less new openings) for closures of post offices and sub-

post offices in the English postal region over the last three financial years were:

	1976-77	1977-78	1978-79
Crown post offices	4	—	—
Sub-post offices	174	147	87

Insolvencies

David Knox (Leek) asked the Secretary of State for Trade if he would list the total number of personal bankruptcies, voluntary company liquidation and compulsory company liquidations in the period February 1974 to March 1979.

Mr Eyre said that for Feburary 1974 to March 1979 inclusive the information requested was:

	England and Wales	UK
Bankruptcies [1]	28 613	29 282
Company liquidations [2]		
compulsory	11 360	11 716
creditors' voluntary	15 641	16 641
members' voluntary [3]	19 961	21 462

[1] Covers individual persons and partnerships; figures for England and Wales relate to receiving and administration orders made, those for Scotland to sequestration orders and those for Northern Ireland to adjudication orders, arrangement protection orders and administration orders. The three areas follow different procedures under different acts but the figures are thought to be broadly comparable. [2] The numbers are of liquidations begun during the period. [3] This type of liquidation does not involve insolvency.

Wednesday, 18 July

Retail prices

David Knox (Leek) asked for the index numbers for the following items using March 1974 as a base of 100 and giving index numbers up to April 1979: electricity, gas, domestic coal, finished steel, second-class postage, rail fares, bus fares and a local telephone call.

Mrs Oppenheim gave the following information:

PRICE INDEX NUMBERS FOR CERTAIN GOODS AND SERVICES OF THE NATIONALISED INDUSTRIES AND FOR BUS FARES

	April 1979 (March 1974 = 100)
Retail prices [1]	
Electricity	268
Gas	170
Domestic coal	252
Postage, second class letter	233
Telephone, private subscriber local call	300
Fares	254
Of which:	
rail	272
road	248
Wholesale prices [2]	
Finished steel	243

[1] General index of retail prices (Department of Employment) [2] Wholesale price index (Department of Industry).

Thursday, 19 July

CAA proposals

George Gardiner (Reigate) asked the Secretary of State for Trade what submissions he had received from local authorities or local authority associations on the proposals put forward by the Civil Aviation Authority regarding consultations with local authorities when considering applications for new services such as helicopter links; and whether he had yet reached any conclusions on these proposals.

Mr Parkinson said that the Department of Trade had received six representations from local authorities and one from a local authority association following the publication of the Civil Aviation Authority's proposals. The changes proposed by the authority would involve amendments to the Civil Aviation Regulations 1972. The representations of the local authority interests would be taken into account in considering the amendments to the regulations.

IDCs in dock area

Peter Shore (Tower Hamlets, Stepney and Poplar) asked what was the total, in square feet or square metres, of industrial development certificates issued in the London docklands partnership area in each year since 1976; and what is the total issued so far in 1979.

Mr Mitchell said that figures for the London docklands partnership area were not readily available, but the total floorspace for which industrial development certificates were issued in the employment office areas which were wholly or partly in the partnership area was:

Year	No. of IDCs	Floor space ('000 sq ft)
1976	41	862
1977	34	1 104
1978	59	2 954
1979 (Jan to May)	34	983

Imports of white goods

Michael Brown (Brigg and Scunthorpe) asked what was the total value of white goods (fridges, freezers and washing machines), imported into the United Kingdom during: a the last year and b the last five years.

Mr Parkinson gave the following information for complete domestic refrigerators, deep-freezers and clothes-washing machines:

	£ million cif
1974	76.6
1975	93.2
1976	96.4
1977	126.1
1978	120.3
Jun 1978-May 1979	123.5

Note The figures for the years 1974 to 1977, inclusive, contain both domestic and commercial deep-freezers which were not separately distinguished.
Source: UK Overseas Trade Statistics (SITC(Rev 2) items 775.11, 21 and 22).

Friday, 20 July

Imports of Australian coal

Dennis Skinner (Bolsover) asked how much Australian coal had been imported into the United Kingdom in each of the last five years to date.

Mr Parkinson gave the following details:

Year	'000 tonnes Amount
1974	1 003
1975	2 629
1976	1 471
1977	1 344
1978	1 025
1979 (Jan-Apr)	319

Cuts in consumer protection legislation

Renée Short (Wolverhampton, North East) asked the Secretary of State for Trade if he was planning the repeal of all consumer protection legislation as part of his public sector cuts.

Mrs Oppenheim said no. Most of the major measures of consumer protection legislation had been introduced under Conservative governments, and it was certainly policy to continue to provide cost-effective protection for consumers in the public and private sectors.

Regional expenditure saving

Jock Bruce-Gardyne (Knutsford) asked the Secretary of State for Industry what would be the effect of his statement on regional policy on public expenditure in each of the years 1979-80, 1980-81 and 1981-82, respectively.

Mr Mitchell said savings on public expenditure forecasts for the years 1979-80, 1980-81 and 1981-82 contained in the previous government's expenditure plans (cmnd 7439) following the policy changes announced on 17 July were expected to be £59 million, £138 million and £184 million, respectively.

Parliament's summer recess will be from 27 July to 22 October.

Postal authorities' employment

Kenneth Baker (City of Westminster, St Marylebone) asked how many employees of the postal services of: a France, b West Germany, c Italy, and d the United States there were in each year from 1950 to 1978; and how many letters and parcels they handled in each of those years.

Mr Marshall gave the following information:

Calendar year	Number of employees	Total letters handled (million)	Total parcels handled (million)
France			
1950	n.a.	n.a.	n.a.
1955	121 479	4 728	27.6
1960	n.a.	6 061	29.3
1965	150 400	6 562	6.6 [3]
1969	175 200	5 645	4.2
1970	178 100	5 943	4.3
1971	179 970	6 055	4.1
1972	235 099	8 761	3.8
1973	235 781	9 186	3.7
1974	200 500	10 882	3.4
1975	236 500	11 811	3.8
1976	244 167	12 189	4.0
West Germany			
1950	n.a.	n.a.	n.a.
1955	360 008	6 161	227.3
1960	n.a.	8 498	284.7
1965	283 151	4 959	310.7
1969	271 927	5 290	310.6
1970	273 356	5 596	319.9
1971	282 334	6 148	322.8
1972	284 860	6 266	311.3
1973	286 099	6 156	297.5
1974	282 857	10 495	277.5
1975	276 742	12 423	258.9
1976	270 789	13 020	263.5
Italy			
1950	n.a.	n.a.	n.a.
1955	89 815	3 728	22.8
1960	n.a.	5 367	29.6
1965	142 137	2 785	35.3
1969	136 320	2 974	30.0
1970	149 964	3 100	29.4
1971	157 730	3 134	28.9
1972	158 915	3 162	28.5
1973	168 822	3 216	25.0
1974	167 366	7 199	26.0
1975	171 937	6 598	n.a.
1976	172 796	6 209	28.2
United States			
1950	n.a.	n.a.	n.a.
1955	511 613	54 773	1 171
1960	n.a.	63 629	1 063
1965	595 512	44 175	1 104
1969	739 002	52 311	1 100
1970	741 216	54 805	1 067
1971	728 911	56 134	1 070
1972	706 400	55 017	1 033
1973	701 051	57 164	1 021
1974	n.a.	n.a.	n.a.
1975	n.a.	n.a.	n.a.
1976	n.a.	n.a.	n.a.

n.a. Not available [1] The information could not be provided for all years except at disproportionate cost. Information for the years 1977 and 1978 is not yet available. [2] The French Postal Administration ceased to offer an inland parcel post service as from 1 January 1963, responsibility being handed to the national railway. [3] These statistics are as notified to the Universal Postal Union by the national postal authorities.

Mr Baker also asked how many employees of the Post Office were employed in the postal service and how many letters and parcels were handled in each year from 1950 to 1978.

Mr Marshall gave the following information:

Year	Mails operations staff (full time equivalents) ('000)	Total postal business employees (full time equivalents) ('000)	Letters (million)	Parcels (million)
1950-51	109.6	n.a.	8 500	233
1954-55	109.9	n.a.	9 500	243
1959-60	114.5	n.a.	10 200	235
1964-65	121.9	n.a.	11 200	216
1969-70	126.1	172.9	11 400	208
1970-71	125.5	173.1	10 500	181
1971-72	124.7	173.5	10 550	189
1972-73	123.7	172.6	10 790	194
1973-74	121.4	170.1	11 010	195
1974-75	127.1	177.6	10 878	201
1975-76	124.4	174.3	9 903	170
1976-77	122.2	171.0	9 383	163
1977-78	119.8	168.3	9 485	160
1978-79 [1]	122.5	172.1	9 965	172

Notes
The information could not be provided for all years except at disproportionate cost.
Figures for total postal business employees are not available for years prior to the establishment of the Post Office Corporation in 1969. [1] Provisional figures only. n.a. Not available.

European community news

Britain's net budget contributions 'intolerable' – Lawson

Britain's net contribution to the European community budget could be in excess of £1 billion, a figure which Nigel Lawson, Financial Secretary to the Treasury, described as 'frankly intolerable' on 16 July.

Opening a debate in the House of Commons, Mr Lawson said that, immediately on taking office, the government had made clear its grave concern about the size of the UK's present and prospective net contribution to the community budget. It was quite unjust and out of keeping with the spirit and intention of the community that community policies should, through budgetary transfers to which they give rise, be hindering the UK's effort to help itself and to restore its economy to health, he said.

Mr Lawson reminded the house that the Prime Minister had secured an agreement at the European council in Strasbourg on 21 and 20 June that the commission should tackle the question of Britain's 'inequitably high net contribution to the budget'.

The government, he said, would continue to take every opportunity to impress on the community the 'seriousness of the problem and the need for substantial, rapid and lasting relief. In particular we shall be drawing attention to the deficiencies of the existing financial mechanism, as a result of which it is quite incapable in its present form of meeting our needs'.

Mr Lawson explained that the mechanism had proved an abysmal failure. This was chiefly because it was designed to correct only an excessive gross contribution to the EEC budget, whereas the trouble lay with Britain's net contribution, which in turn was largely attributable to the low level of the UK receipts from the budget. Community budget expenditure in the UK amounted to about £10 per head against an EEC average of between £25 and £30 per head. Moreover, the mechanism had carefully built into it a number of restrictions whose overall effect was further to limit the size of any refund that the UK was likely to obtain.

A clear measure of the mechanism's inadequacy in relation to the UK's needs was that, even on the most favourable assumptions, Britain would qualify for a net refund, in respect of the 1980 budget, of only one-quarter of its net contribution of £1,000 million or so, Mr Lawson explained. And that was assuming that the UK met one vital condition, that it should be in aggregate balance of payments deficit on current account over the three preceding years ending in 1979. If this condition were not met – and it was touch and go at present whether it would be – the net refund would diminish to a mere £30 million, which was ludicrously inadequate in the context of the sums at stake.

Mr Lawson pointed out that in the 1980 preliminary draft budget, for the first time, provision was made for a refund to the UK under the financial mechanism of the order of £40 million.

By removing some of the present restrictions on its operation, but without altering the underlying concept, it would, Mr Lawson believed, be possible to ensure that the financial mechanism yielded a substantial and reliable refund to the UK. However, so long as the mechanism remained concerned only with the correction of an excessive gross contribution, not to mention the absurdity of having it keyed to balance of payments, it could not provide relief on the scale that the UK now urgently required.

Mr Lawson stressed that the government would reiterate its support for a better balanced UK EEC budget in place of one 'overwhelmingly biased in favour of agriculture'.

Mr Lawson believed that many member states would fiercely resist any attempt to cut back drastically expenditure on the common agricultural policy. Yet without such a drastic reduction in agricultural expenditure, a pattern of expenditure, and therefore of net contributions, which was acceptable to the UK within existing community revenues, could not be achieved.

So, the government would be actively seeking a more effective arrangement than the financial mechanism in its present form. Dealing only with the gross contribution would not be good enough. It was the net position that mattered.

Mr Lawson explained that the preliminary draft budget before the house, had already been overtaken, to some extent, by events. The commission, had hastily prepared a rectifying letter which was considered at the budget council on 23 July, he said.

There was also a prospect that the commission might have to bring forward yet another rectifying letter this autumn. This would adjust the current forecast provision in the light of the latest information then available. Even so, it would be prudent to recognise that the expenditure was subject to further change, for example as a result of the 1980 round of price fixing.

Agriculture expenditure was still far too high, Mr Lawson went on, and continued to be dominated by milk. Before allowing for the recent price-fixing changes, the preliminary draft budget allocated nearly 40 per cent of the guarantee section expenditure to milk on the commission's own presentation of the figures. That was at least one-quarter of the total preliminary draft budget. The rectifying letter would no doubt mean that these figures increased by about 5 per cent. At least, however, for the first time since UK accession, the price of a product in surplus was frozen.

On the rest of the budget, Mr Lawson said, the government's position, both in the budget council itself, and in the discussions that had already taken place at official level, was much influenced not only by acute concern at the overall level of the UK net contribution to the budget but by the overriding need at the present time to curb public expenditure in general. The government had therefore adopted, and would continue to adopt, a highly critical approach to the commission's proposals for additional expenditure, and was not alone in doing so.

Mr Lawson explained that the commission had proposed significant increases in budgetary provision in 1980 for the regional and social funds. The attitude that the UK adopted had to take account both of the potential net benefit to the UK of expenditure under these two headings and of the government's plans to reduce public spending which must, of necessity, limit the claims that the UK made on these funds.

Mr Lawson drew attention to the fact that the expansion of the regional and social funds could, in any event, make only a modest contribution to remedying the gross imbalance between UK receipts from, and contributions to, the community budget. 'There can be no questions of any adequate solutions to our problems being achieved through budgetary expansion. Even though the system of national quotas guarantees the UK a modest extra benefit from expansion, our position on the proposals for any expansion of the regional fund is somewhat lukewarm'.

More community news

Information on European community matters and about member states can often be found in other sections of *Trade and Industry*. For this week's additional news, turn to the following pages:

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Britain lifts interest rate subsidy reserve

Britain lifted its reserve on the council regulation on the implementation of interest rate subsidies under the European monetary system at the finance council on 16 July.

In a written parliamentary reply on 19 July, Chancellor of the Exchequer Sir Geoffrey Howe said this was in return for his fellow economic and finance ministers agreeing that the UK's eligibility for subsidies would be assessed on the same criteria as used for the Irish Republic and Italy if the UK joined EMS.

As envisaged by the European council last December ministers agreed upon the necessary re-examination of the provisions of the EMS suggested by the experience of the first six months of operation of the scheme and discussed the work to be done over the coming months in the European monetary fund.

Common position

The council, Sir Geoffrey said, adopted a common position about community participation in the OECD arrangements for export credit for ships.

The adoption of these common positions would be notified to the Greek delegation in the normal course of consultation agreed upon following the accession of Greece to the community, he concluded.

Grants to help redundant steelworkers

Grants totalling £315,000 to help over 500 people whose jobs in the British steel industry have disappeared as a result of plant modernisation have been announced by the European commission. The aid is to help the establishment of alternative employment and to finance allowances and retraining for those who have lost their jobs.

The plants concerned are the Round Oak steelworks Ltd, near Brierley Hill, which is to get £163,000 to help 332 people and Edgar Allen Balfour Steels Ltd in Manchester and Sheffield where 178 people will be aided by £152,000.

Housing loans

Further low-interest European Coal and Steel Community loans towards house construction and modernisation for coal and steelworkers are being made under the general facility with the Halifax Building Society to help steelworkers in Cardiff, Motherwell, Consett, Sheffield, Rotherham, Scunthorpe, Port Talbot, Llanelli, Swansea, Newport, Brierley Hill and Sheerness. One per cent loans totalling £412,796 have been allocated, covering 177 properties.

A further 35 houses for workers in the coal industry qualify for loans totalling £80,720. The beneficiaries are in many different parts of the UK.

Social fund grants for 1979 UK training projects

The European commission recently announced approval of the first grant allocation from the European social fund for 1979. A further allocation is expected in September 1979.

The UK will receive about 37 per cent of the funds allocated under the European social fund in the latest tranche of grants for training and retraining. Out of a total allocation for the whole community of 151.66 million Eua (about £98 million), training projects in the UK will receive 56.06 million Eua (about £36 million). The money is distributed under various social fund headings (see table above).

	Million Eua	£m
Article 4		
Agriculture, textiles, clothing	3.88	2.5
Young people	37.47	24
		26.5
Article 5		
Regions	12.42	8
Handicapped	2.29	1.47
		9.47

Money from the fund is used to assist national vocational training schemes in the member countries, with special emphasis on helping the unemployed, particularly the young, in the poorer regions. In 1978 the fund allocation budget was £381 million (568 million Eua). One million workers benefited.

Details of individual grants are as follows:

Project	£
Private company, Dewsbury, W. Yorkshire retraining of production staff to avert redundancy of 47 workers on trouser manufacture	7 560
Manpower service commission, (ESD and TSD): training for 2000 people and resettlement schemes for 40 workers in the textile and clothing industry affected by reorganisation and who are seeking employment within this industry or outside	738 706
Department of Employment, on behalf of various private companies: vocational training of 3000 employees facing threat of redundancy in the textile and clothing industries, permitting entry into existing or newly created jobs	750 000
Private company, Manchester: training for 483 persons for whom a job is assured	120 970
Manpower services commission (ESD): continuous programme of transfer with training of 600 unemployed persons where a job may be regarded as assured	544 401
Council of Small Industries in Rural Areas: training of 1440 unemployed and under-employed young people, and others in a variety of skills for employment in small companies	86 075
Northern Ireland	
Road Transport Industry Training Board, Department of manpower services: recruit, give basic training, and find permanent employment in retail trade, as motor mechanics, for 60 young unemployed persons	30 339
Department of Manpower Services, youth opportunities programme for Northern Ireland: job creation schemes, work experience courses and work preparation units for 9104 unemployed first-job seekers	7 049 750
Department of Education: vocational courses for 3000 unemployed people under 19 years old with difficulty in finding a job, for lack of qualifications and difficulty in relating to society	1 435 240
Department of Manpower Services: training for 783 young first job seekers in construction skills; employment is assured in small and medium-sized construction firms	1 149 433
Department of Health and Social Services: medical rehabilitation services aimed at returning about 43 750 people to open employment	969 375
Department of Manpower Services: training about 5529 disabled and handicapped people to return to, obtain, or retain employment	506 197
Road Transport Industrial Training Board: continuous training programme for higher qualifications of 12 people already employed	9 913
Department of Manpower Services for private industrial companies: continous training programme in companies in the food, drink and tobacco industry for 3500 people who are unemployed, threatened with redundancy, or employed and seeking higher qualifications	1 000 000
Department of Education: continuous training of 510 unemployed young persons who have already been employed	205 645
Department of Manpower Services: continuous training for unemployed persons (the junior management development programme) and higher qualifications for employed workers (specialised managers bursary scheme) for 181 persons	155 687
Department of Manpower Services: continuous training of 5450 unemployed persons, those threatened with redundancy and those training for higher qualifications	1 818 957
Department of Manpower Services: continuous training programme for 6511 unemployed	3,741,573
Department of Manpower Services: induction and off-the-job training through Enterprise Ulster of 275 unemployed persons	213 991
Scotland and north, north-west regions of England	
Manpower Services Commission: provide 64 000 unemployed young people aged 16 to 18 with practical work experience in a variety of jobs within framework of planned work experience provided by employers	6 755 300
Manpower Services Commission: courses to assist 765 young people under 18 who are physically or mentally handicapped to settle into permanent employment	184 677
Department of Employment for the Manpower Services Commission: training courses for unemployed first job seekers under 19, to help prepare the 35 400 young people for working life	7 529 000
Wales	
Welsh Development Agency: continuous training for 520 unemployed persons who either have a job assured or are threatened with unemployment but where training will help retain their job	100 000

How the fund works

In accordance with the rules of the social fund the European commission can reimburse 50 per cent of the cost of retraining schemes financed by a public authority. In the case of schemes carried out by private bodies, the commission non-repayable grant will equal that made by the public authorities.

Applications to the social fund are first assessed by the commission to ensure that they conform to the fund regulations and to the guidelines laid down for the management of the fund. The social fund advisory committee then gives its opinion on the applications, and the commission takes its final decisions in the light of the committee's views.

Article 4
Training or retraining of people who are: leaving agriculture, leaving textiles or acquiring new skills in the textile industry; migrant workers; young people under 25 years old looking for their first job.

Article 5
Financial help for retraining schemes in favour of handicapped persons, workers who are unemployed or threatened with unemployment in the poorer regions of the community, and who are affected by technical progress or by problems of redundancy in groups of undertakings.

Commission approves new directives on trucks, insurance, cosmetics and effluent

Powered industrial trucks

A proposed directive, concerned with constructional and safety specifications for powered industrial trucks has been submitted to the council by the commission. It concerns trucks with a lifting capacity of 10 000 kg including pallet trucks, lift trucks and order picking trucks but excludes vehicles such as dumpers, road tractors, lorries, straddle carriers and plant not conforming to article 2 of the directive.

The directive would provide for such trucks to be certified by their manufacturers as complying with the technical requirements set out in annex I to C165/1 in the *Official Journal*, 2 July, and for this process to be supervised by member states.

The proposed directive is of the optional harmonisation type which means that powered industrial trucks conforming to the directive could be freely marketed within the EEC but those used within the UK would not be required to conform with it. It arises from the community's programme for the elimination of technical barriers to trade in industrial products.

Accident reports indicate that in recent years, in the UK, about 20 fatalities and 5000 injuries a year involve powered industrial trucks. The Health and Safety Executive is leading the discussions in Brussels, supported by the Department of Industry.

Interested bodies in the UK, including the Confederation of British Industry, the British Industrial Truck Association and the Trades Union Congress, have been consulted.

Copies of the proposed directive will be circulated to interested bodies. Any comments and suggested amendments to the document should be addressed to the Health and Safety Executive, Section SP B3, Baynards House, 1/13 Chepstow Place, Westbourne Grove, London W2 4TF.

Insurance contract law

A formal proposal for a directive on the harmonisation of insurance contract law is to be submitted to the council of ministers by the European commission. The commission finally agreed to this on 5 July following the discussion of successive drafts in meetings of a commission working party of government experts since 1975.

The draft directive is intended to harmonise certain insurance contract law provisions, notably those concerning documentation, declaration of risk, change of risk, claims procedure and termination. It relates to non-life policies and is primarily intended to govern insurance contracts relating to mass risks – that is risk other than major commercial risks.

The proposal will next be considered by the European parliament and the economic and social committee who have been invited to give their opinions in November. A council working party will then be set up to discuss the directive.

Cosmetic preservatives

A commission proposal for a first amendment to the cosmetics directive 76/768/EEC (27 July 1976) which, apart from correcting a number of typographical and linguistic errors in the original directive, introduces the first 'positive' list of preservatives which may be used in cosmetics, and amends some of the existing annexes.

Adoption of the proposal – published in the *Official Journal* C165/52 – is expected within the next 18 months, after which the cosmetic products regulations 1978 will have to be amended also to reflect the changes in the directive.

Further information is available from Mrs D. Williams, Consumer Safety Unit, Room 1932 Millbank Tower, Millbank, London SW1P 4QU, tel. 01-211 4607.

Mercury discharge

Two draft texts on mercury discharge to the aquatic environment from the chlor-alkali industry have just been submitted by the commission to the council (*Official Journal*, C169/2, 6 July). The texts follow from directive 464/79/EEC often known as 'ENV131'.

One proposes community limits for mercury emission from chlor-alkali plants, and the other lays down quality objectives for the waters receiving such discharges.

Under the terms of ENV131, member states may choose not to apply the emission standards if they can show that the quality objective is being met and continuously maintained in the relevant waters. Control by quality objective is long-standing UK policy.

Negotiations on these texts will begin in Brussels in the autumn, but it is not yet clear when the council would be able to adopt them formally; it seems that a good deal of work will be needed on the drafts to prepare them for ministerial consideration.

The UK will wish to consider the appropriateness and practicability of the proposed emission standards and quality objectives, and to scrutinise the texts carefully. The proposals are important, not only for themselves, but also because they may set precedents for the series of further proposals which will deal with other 'blacklist' substances.

The Department of the Environment is responsible for the negotiations. It will be continuing close consultation not only with the chlor-alkali industry but with all other interests concerned.

Finance for technology

The National Research Development Corporation provides financial and other support for technological developments of potential commercial importance. NRDC promotes the adoption by industry of new products and processes invented in government laboratories, universities and elsewhere. Further details are available from the National Research Development Corporation, Kingsgate House, 66-74 Victoria Street, London SW1E 6SL.

Call for community-wide ban on sperm-whale oil imports

The International Whaling Commission's (IWC) decision to ban commercial whaling, except for minke whales, by factory ships, was welcomed by agriculture minister Alick Buchanan-Smith, although he regretted that it did not go as far as the UK government wished (see *Trade and Industry*, 13 July, page 58).

Speaking in London on 12 July, Mr Buchanan-Smith said the government still believed that a moratorium on all commercial whaling was needed but recognised that the IWC decision was a step forward.

He was particularly pleased that the ban covered sperm whales as it underlined the recent action initiated by the UK in Brussels to obtain a community-wide ban on sperm whale oil imports.

'While a community-wide ban would be more effective, we will not hesitate to take action unilaterally if it proves necessary.'

Meetings on exports and community transit procedures

Two special meetings have been arranged jointly by the Association of British Chambers of Commerce and the CBI as part of a regional programme by Customs and Excise to consult exporters about a draft EEC directive covering proposed changes in export and community transit procedures (see *Trade and Industry*, 13 April, page 69). Representatives from customs and the Simplification of International Trade Procedures Board will attend to outline the proposals and answer questions.

The first meeting will be held today (27 July) at the CBI Council Chamber, 21 Tothill Street, London, at 14.30 and the second will be in Manchester, at the Manchester Chamber of Commerce and Industry, Ship Canal House, King Street, on 30 July at 14.15.

Exporters wishing to attend the London event should contact Miss Sue Riley at the Association of British Chambers of Commerce, tel. 01-222 0201 and, for the Manchester meeting, Dennis Arrandale at the chamber of commerce, tel. 061-832 5574.

EEC indicative ceilings for imports from Efta

The Department of Trade has been informed that community imports of the following goods have reached 75 per cent or more of the indicative ceiling for 1979 (see *Trade and Industry*, 2 March):

Order no	Country of origin	CCT heading/Description
		ex 48.07c
IA4	Austria	Coated printing and writing paper
		59.04
IP5	Portugal	Twine, cordage, ropes and cables, plaited or not.
		ex 48.07C
IS11	Sweden	Other coated paper and paperboard

New EEC documents

This list of EEC documents was deposited in the House of Commons in the seven days to 5 July (commission reference numbers, where appropriate, are given in parentheses). The documents are available for consultation at the European Communities Information Office, 20 Kensington Palace Gardens, London W8 4QQ.

EEC draft instruments

7608/79. Proposal for a council decision authorising the Republic of Italy to agree with the Socialist Republic of Yugoslavia upon the provisional maintenance of the fishing arrangements currently in force (COM(79)341)

7429/79. Proposal for a council regulation amending regulation (EEC) 3331/74 on the allocation and alteration of the basic quotas for sugar (COM(79)294)

7493/79. Draft council decision amending the quotas for imports into Italy of certain products originating in China

7705/79. Amendment to the proposal for a council regulation on community aid for industrual restructuring and conversion operations; amendment to the proposal for a council decision on community aid for restructuring or conversion investments in the ship-building industry; amendment to the proposal for a council decision on community aid for restructuring or conversion investments in the textile industry, particularly in the man-made fibres industry (COM(79)309)

Consultative document

7682/79. Proposal for the transfer of appropriations between chapters of the commission's budget estimates for the financial year 1979 (community action relating to the vocational training of farmers) (COM(79)334)

This list of consultative documents was deposited in the House of Commons up to 28 June:

7364/79. Proposal for the transfer of appropriations between chapters within the commission's budget estimates for the financial year 1979 (Senegal fisheries agreement) (COM (79)318

7112/79. Commission communication to the council updating the explanatory memorandum which accompanied the draft proposal for a council regulation concerning the introduction of a community consultation procedure in respect of power stations likely to affect the territory of another member state (COM(79)269

6728/79. Commission communication to the council on worksharing (COM(79)188

6806/79. Proposal for a transfer of appropriations between chapters within the commission budget estimates for the financial year 1979 (scientific information) (COM(79)252

7404/79. Commission recommendation of 29 May 1979 on the application of inland postal rates to certain mail between member states (COM(79)549

7463/79. Proposal for the transfer of appropriations between chapters within the commission's budget estimates for the financial year 1979 (EAGGF – guidance section – common measures, fisheries structures) (COM(79)307

7368/79. Relations with the OCT – report on the operation during 1977 of the system for stabilising export earnings (COM(79)278

7306/79. Commission communication to the council concerning the implementation of the provisions on co-operation in the field of social security contained in the co-operation agreements concluded with the Maghreb countries and in the additional protocol to the agreement concluded with the Portuguese Republic (COM(79)267

7293/79. The common policy in the field of science and technology (COM(79)281

7645/79. Proposal for a transfer of appropriations from chapter to chapter within the commission's budget estimates for the financial year 1979 (fishing in the Adriatic) (COM(79)333

This list of EEC documents was deposited in the House of Commons up to 10 July.

EEC draft instruments

7811/79. Proposal for a council decision allocating to the European Coal and Steel Community (ECSC) a special financial contribution from the general budget of the European communities (COM(79)345).

7689/79. Proposal for a council regulation (EEC) increasing the community tariff quote opened for 1979 by regulations (EEC) 2919/78 for unwrought magnesium falling within subjeading 77.01A of the common customs tariff (COM(79)317).

7735/79. Two proposals for directives submitted by the commission to the council: Proposal for a council directive on the limit values applicable to discharges of mercury into the aquatic environment by the chlor-alkali electrolysis industry; Proposal for a council directive on the quality objectives for the aquatic environment into which mercury is discharged by the chlor-alkali electrolysis industry (COM(79)296).

7445/79. Proposal for a council decision on the adoption of a programme for technological research in the field of clay minerals and technical ceramics (COM(79)273).

7817/79. Proposal for a council regulation (EEC) amending Regulation (EEC) 1117/78 on the common organisation of the market in dried fodder; Proposal for a council regulation (EEC) fixing for the 1979-80 marketing year the flat-rate production aid for dehydrated potatoes (COM(79)340).

7165/79. Proposal for a council regulation on exceptional food aid to the Republic of Malta in the form of pigmeat (COM(79)257).

7873/79. Proposal for a council directive amending for the second time the first directive for the implementation of article 67 of the treaty establishing the European Economic Community (liberalisation of capital movements) (COM(79)328.

Consultative documents

7406/79. Request for a transfer of appropriations from one chapter to another and from one article to another within the budget estimates of the economic and social committee for the financial year 1979. Letter from Roger Louel Fin 328.

New legislation

The legislation listed below has been published in the *Official Journal of the European Communities* as indicated against each item. the *Official Journal* is published in English and copies should be obtained from HMSO. Information about the items listed, in so far as other member states' requirements are concerned, is available to British exporters from Department of Trade, Exports Services and Promotions Division, Export House, 50 Ludgate Hill, London EC4M 7HU, tel. 01-248 5757 ext. 7174/482/408.

Common agricultural policy

The texts of the following regulations and directive which affect the various agricultural sectors in the EEC have been published in the *Official Journal of the European Communities*:

General. Directive 79/608/EEC fixing standard rates of yield for certain inward processing operations (*Official Journal* L170, 9 July 1979).

Fruit and vegetables. Regulation (EEC) 1418/79 fixing the reference prices for table grapes for the 1979 marketing year (*Official Journal* L172, 10 July 1979).

Milk and milk products. Regulation (EEC) 1438/79 amending regulation (EEC) 2793/77 on detailed rules of application for granting special aid for skimmed milk for use as feed for animals other than young calves (*Official Journal* L175, 12 July 1979).
Regulation (EEC) 1451/79 amending regulation (EEC) 1579/70 laying down special conditions for the export of certain cheeses to Spain (*Official Journal* L176, 13 July 1979).
Regulation (EEC) 1463/79 amending the annex to regulation (EEC) 532/75 concerning the recovery on exportation of aids granted in respect of skimmed-milk powder for use as feed and in respect of skimmed milk processed into compound feedingstuffs (*Official Journal* L177, 14 July 1979).
Regulation (EEC) 1468/79 on the granting of aid for butter from private storage for use in the manufacture of pastry products, ice-cream and other foodstuffs (*Official Journal* L177, 14 July 1979).

Soya beans. Regulation (EEC) 1449/79 amending regulation (EEC) 1790/76 laying down detailed rules for the application of special measures in respect of soya beans. In article 4(1) of regulation (EEC) 1790/76, the date '30 June' shall be replaced by '31 July' (*Official Journal* L176, 13 July 1979).

Sugar. Corrigenda. The *Official Journal of the European Communities* L176, 13 July 1979, contains the following correction to regulation (EEC) 1293/79 published in the *Official Journal* L162, 30 June 1979, amending regulation (EEC) 1111/77 laying down common provisions for isoglucose:
Page 10:
The fourth citation should be deleted.

Hops. Regulation (EEC) 1467/79 amending the annex to regulation (EEC) 1517/77 fixing the list of the various groups of hop varieties cultivated in the community (*Official Journal* L177, 14 July 1979).
Regulation (EEC) 1465/79 amending regulation (EEC) 890/78 laying down detailed rules for the certification of hops and regulation (EEC) 3076/78 on the importation of hops from non-member countries (*Official Journal* L177, 14 July 1979).
Regulation (EEC) 1466/79 amending the annex to regulation (EEC) 3077/78 on the equivalence with community certificates of attestations accompanying hops imported from non-member countries by the addition of the following: (*Official Journal* L177, 14 July 1979).

Imports from non-member states

The texts of the following decisions which authorise the relevant member states to refuse entry to the specific goods have been published in the *Official Journal of the European Communities*. The decisions relate to varying periods; full details are set out in the relevant decisions.

(*Official Journal* L168, 6 July 1979.)
Decision 79/593/EEC authorising France not to apply community treatment to women's, girls' and infants' outer garments; blouses and shirt blouses, knitted or crocheted (not elastic or rubberised), or woven, for women, girls and infants, of wool, of cotton or of man-made textile fibres, falling within subheadings ex 60.05 AII and ex 61.02 B of the common customs tariff (Nimexe codes 60.05-22, 23, 24, 25; 61.02-78, 82, 84) (category 7), originating in Yugoslavia and in free circulation in the other member states.
Decision 79/594/EEC authorising the United Kingdom not to apply community treatment to women's, girls' and infants' woven overcoats, raincoats and other coats, cloaks and capes, jackets and blazers, other than garments of category 15 A, of wool, of cotton or of man-made textile fibres, falling within subheading ex 61.02 B of the common customs tariff (Nimexe codes 61.02-31, 32, 33, 35, 36, 37, 39, 40) (category 15 B), originating in Czechoslovakia and in free circulation in the other member states.
Decision 79/595/EEC authorising Belgium, Luxembourg and the Netherlands not to apply community treatment to cotton yarn, not put up for retail sale, falling within heading 55.05 of the common customs tariff (Nimexe codes 55.05-13, 19, 21, 25, 27, 29, 33, 35, 37, 41, 45, 46, 48, 52, 58, 61, 65, 67, 69, 72, 78, 92, 98) (category 1), originating in Yugoslavia and in free circulation in the other member states.
Decision 79/596/EEC authorising France not to apply community treatment to men's and boys' shirts, woven, of wool, of cotton or of man-made textile fibres, falling within heading ex 61.03 of the common customs tariff (Nimexe codes 61.03-11, 15, 19) (category 8), originating in Sri Lanka and in free circulation in the other member states.
Decision 79/597/EEC authorising Ireland not to apply community treatment to women's, girls' and infants' (other than babies') woven and knitted or crocheted dresses, of wool, of cotton or of man-made textile fibres, falling within subheadings ex 60.05 AII and ex 61.02 B of the common customs tariff (Nimexe codes 60.05-41, 42, 43, 44; 61.02-48, 52, 53, 54) (category 26), originating in the Philippines and in free circulation in the other member states.
Decision 79/598/EEC authorising Ireland not to apply community treatment to woven table linen, toilet and kitchen linen, other than of cotton terry fabric, falling within subheading ex 62.02 B of the common customs tariff (Nimexe codes 62.02-41, 43, 47, 65, 73, 77) (category 39), originating in Brazil and in free circulation in the other member states.

(*Official Journal* L173, 11 July 1979.)
Decision 79/617/EEC authorising the United Kingdom not to apply community treatment to women's, girls' and infants' woven overcoats, raincoats and other coats, cloaks and capes, jackets and blazers, other than garments of category 15 A, of wool, cotton or man-made textile fibres, falling within subheading ex 61.02 B of the common customs tariff (Nimexe codes 61.02-31, 32, 33, 35, 36, 37, 39, 40) (category 15 B), originating in Yugoslavia and in free circulation in the other member states.
Decision 79/618/EEC authorising France not to apply community treatment to women's, girls' and infants' woven overcoats, raincoats and other coats, cloaks and capes, jackets and blazers, other than garments of category 15 A, of wool, cotton or man-made textile fibres, falling within subheading ex 61.02 B of the common customs tariff (Nimexe codes 61.02-31, 32, 33, 35, 36, 37, 39, 40) (category 15 B), originating in Poland and in free circulation in the other member states.

Country of origin	Organisations authorised to issue attestations	Products	CCT heading no.
New Zealand	Cawthron Institute, Nelson, South Island	Hop cones	ex 12.06
		Hop powders	ex 12.06
		Saps and extracts of hops	13.03 AVI

Accession of St Lucia to the ACP/EEC convention of Lomé

The *Official Journal of the European Communities* L169, 7 July 1979, contains a notice to the effect that, in accordance with article 89 of the ACP/EEC convention of Lomé, St Lucia acceded to that convention on 28 June and accordingly became, as from that date, an 'ACP state' for the purposes of the acts of community institutions employing that term.

EUROPEAN PARLIAMENT: INAUGURAL SESSION

'Economic crisis' warning

Newly elected European members of parliament meeting in Strasbourg were warned by Michael O'Kennedy, Irish foreign minister and current president of the council of ministers, that the community's overall growth rate could fall next year. In a statement to the assembly on 19 July during its inaugural session, Mr O'Kennedy said that the recent oil crisis had precipitated world vulnerability in the energy field and that without sufficient energy for sustained growth the community faced mounting unemployment. He reminded MPs of their 'obligation' to reconcile national, regional and political interests with overall community interests. 'Our overall purpose,' he said, 'is the community's gradual, but I hope inexorable, progress towards European union'.

Against the background of this warning, Mr O'Kennedy outlined his presidency's intended work programme for the rest of the year.

Budget. Adoption of the 1980 budget by both parliament and council jointly. Implementation urged of the recent European summit's guidelines for the co-ordination of member states' budgetary policies for next year. On finance, a call for the commission to present proposals for new 'own resources' soon.

Agriculture. The fixing of agricultural prices for the 1979-80 marketing year having been achieved already, the way was now clear to make progress in examining the commission's proposals for revisions of the farm modernisation, farm retirement and disadvantaged area schemes. The agriculture council's commitment to settle these matters soon was welcomed.

Fisheries. He expressed hope for the settlement of a common fisheries policy. On external fisheries, efforts would be directed towards agreements for reciprocal fishing rights as well as negotiation of fishing agreements with developing countries.

Industry. Main restructuring proposals now being formulated related to the steel, shipbuilding and synthetic fibre sectors and would be presented to the council early in this presidency. A review of the steel anti-crisis measures would take place in November-December. ECSC budgetary problems to be dealt with as well as import arrangements with third countries. In all these measures, Mr O'Kennedy said, the community was reacting to severe competition from outside.

External relations. One of the major areas of community activity in the next six months, particularly with regard to developing countries. Finalisation of multilateral trade negotiations expected. Progress to be made on agreement with Comecon countries. Effecting of the new Lomé convention between the for conclusion of agreements with Yugoslavia and Romania.

Japan. On the continuing and worsening trade balance with Japan, the council hoped for wider openings for EEC exports on the Japanese market and strengthened co-operation with Japan in all fields, giving high-priority to co-operation in industrial policy, economic and monetary policy and development.

Enlargement. Meaningful progress hoped for in negotiations for Spain and Portugal to join the community within the time-frame agreed.

European monetary system. A decision by the UK to join and thereby complete the EMS would be welcomed.

Employment. Particular attention to be given to employment questions especially youth employment. Co-ordination of participation by EEC member countries in the International Labour Organisation's European regional conference in October would be undertaken by the presidency. Progress hoped for on the community's programme for safety and health of workers, notably a draft directive on protection against toxic substances.

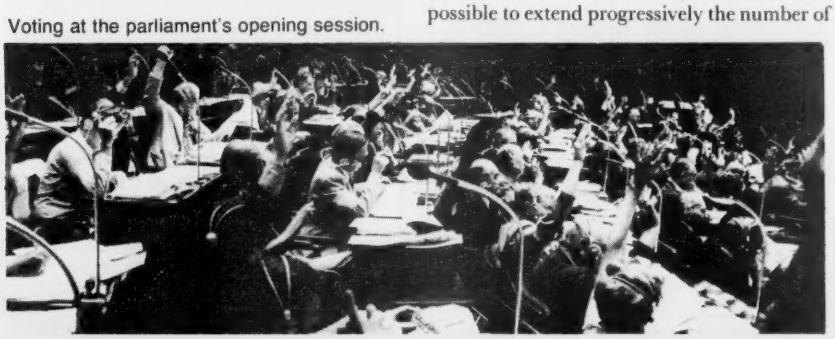
Harmonisation of legislation. Some examples of draft directives on which the presidency hopes to see progress and perhaps see adopted relate to safety devices on tractors, noise levels for industrial and domestic equipment and consumer and industrial safety measures in chemical and electrical sectors.

Returning to the theme of solidarity within the community, Mr O'Kennedy touched on the process of political co-operation among member states. Although political co-operation was outside the strict treaty framework and took place in an intergovernmental context, Mr O'Kennedy said that, in his view, it added an important political dimension to the community's external activities. Despite the constraints of reconciling different national positions based on historical and current interests, 'It will become possible to extend progressively the number of policy areas on which member states will be able to speak with one voice and thus enhance the weight of Europe's presence in world affairs.' He added that he would, during his presidency, seek to take advantage of any opportunities that might arise to achieve further progress in political co-operation.

Finally, Mr O'Kennedy raised the subject of relations between council and parliament and said also that he looked forward to the forthcoming report by the 'three wise men' on the functioning of community institutions in the context of enlargement. This report, he believed, would produce imaginative and practical proposals.

'It follows naturally that it is incumbent upon us in our respective institutions to harmonise our roles in order to contribute effectively, and to be seen clearly to do so.'

Voting at the parliament's opening session.



'Threat to living standards' – Simone Veil

Simone Veil, president, European parliament.

In her own statement as president of the new assembly, Simone Veil, elected as a member of the Union pour France en Europe party, said on 18 July that Europe had to meet the threat to living standards posed by the basic upheaval caused by the oil crisis. 'this upheaval', she said, 'is leading to far-reaching change'. Everyone was aware, she added, that change was inevitable but at the same time feared it, and every one expected guarantees and reassuring action from elected representatives at both national and European level. Like Mr O'Kennedy, she called for solidarity to meet these challenges. Although there was no question of overriding fundamental national interests of member states, she said that it was true that the interests of all were often better served by 'European solutions'.

In practical terms, she placed emphasis on parliament's budgetary role and said that parliament should not confine itself to the adoption of a given volume of expenditure but must also examine the collection of revenue, a role which she considered to be well within parliament's calling.

Overseas trade news

Further exchange control relaxations announced by chancellor

Further relaxation of exchange controls was announced by Chancellor of the Exchequer Sir Geoffrey Howe in a parliamentary written answer on 18 July. The chancellor recalled the government's intention, announced in his budget speech on 12 June, to take further steps, as circumstances allowed, in the progressive dismantling of exchange control. He had now decided to allow complete freedom of choice in the financing of outward direct investment and to take three significant steps towards liberalising outward portfolio investment.

With effect from 19 July, he said, official exchange would be available without limit for all outward direct investments, and foreign currency borrowing taken at any time to finance such investments would be eligible for repayment with official exchange. As regards portfolio investment, also with effect from 19 July, official exchange would be available for investment by UK residents in most securities denominated and payable solely in the currencies of other EEC countries.

Secondly, official exchange would also be available for investment in foreign currency securities issued by international organisations of which the United Kingdom is a member, including those issued by European community institutions and the World Bank. One of the consequences would be that the sale proceeds of existing and new holdings of such securities, however acquired, would no longer be eligible for sale in the investment currency market, the chancellor said. Thirdly, foreign currency borrowing taken by UK residents to finance outward portfolio investment and which had been outstanding at least one year on 19 July would be repayable with official exchange. As in the case of last month's measures, these changes were discussed with the commission of the European communities.

In addition to the main changes announced in the chancellor's statement, a relatively minor change is being made affecting outward portfolio investment. UK residents who hold foreign currency securities which are classified as 'restricted securities' (the sale proceeds of which have hitherto had to be surrendered for sterling at the official rate) are now permitted to reinvest the proceeds of sale of such 'restricted securities' in any other foreign currency securities.

Measures are 'act of economic self-confidence' – Nott

Trade Secretary John Nott welcomed the chancellor's measures to relax exchange controls and said they should be seen as 'an act of economic self-confidence', when addressing the Export Guarantees Advisory Council in London on 18 July.

The move gave manufacturers and those engaged in invisible trade the opportunity to use every possible means of establishing themselves in overseas markets where, for one reason or another, direct exporting was difficult or impossible. In this respect it would create jobs and prosperity at home, he said.

Mr Nott said the removal of controls on the availability of official exchange for all outward direct investments and the first major reduction of controls on outward portfolio investment were both, in his view, an exciting step in freeing the economy from one of the many supply constraints which have 'dogged the freedom of industry and commerce for far too many years.

'The constraints on outward direct investment were always of doubtful merit except in the purest short-term sense as a crisis management measure – and certainly they have become increasingly unjustifiable in recent months with the rapid appreciation of sterling and the continuing build up of flows from the North Sea,' Mr Nott said.

'I hope the chancellor's action will not be seen as an attempt to check the recent parity of sterling but rather as a long-term policy measure taken on its merits as a move towards greater economic liberalism.

'It is in my view more than just a financial measure. I hope it will be seen as an act of economic self-confidence. It shows that the government wishes to pursue an outward-looking policy.

'A week ago I chaired my first meeting of the British Overseas Trade Advisory Council. In that discussion, there were calls for the further measures which the chancellor has announced this afternoon. I am glad to say that I was able to discuss the views of BOTAC with the chancellor after that meeting.'

British industry gains over £20m from aid grants

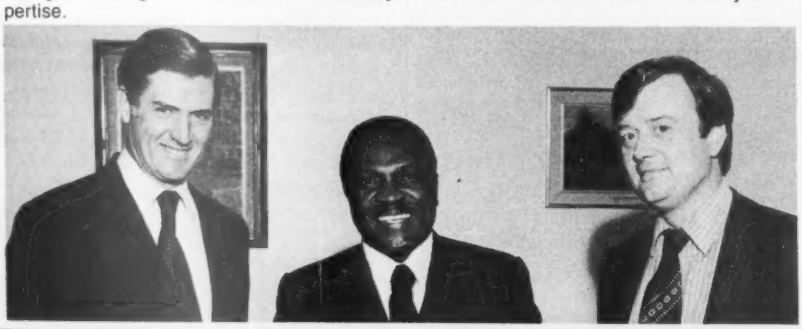
British industry received over £20 million in May from orders arising from grants and loans made to the developing countries under the aid programme and administered by the Crown Agents.

The following were among the largest contracts for goods over £20,000 accepted for financing in May, including earlier contracts now accepted for reimbursement from aid funds:

Steel reinforcing bars for Bangladesh from Sheerness Steel Co Ltd, Sheerness, Kent; motor driven pumpsets for Bangladesh from Ryaland Pumps Ltd, Altringham, Cheshire; ambulances for Bangladesh from Herbert Lomas Ltd, Wilmslow, Cheshire; a portable platform for Ghana from Avery Export Ltd, Warley, West Midlands; diesel generator sets for Ghana from Dale Electric Ltd, Filey, North Yorkshire; computer equipment for India from International Computers Ltd, London; hydraulic excavators and cranes for the earth-moving industry in Indonesia from

Cameroon minister visits UK

Dr John Nkengong Monie, Cameroon Minister of Transport, with Cecil Parkinson (left), Minister of State for Trade, and Ken Clarke (right), Parliamentary Secretary at the Department of Transport. Dr Monie came to the UK, from 12 to 24 July, at the invitation of Mr Parkinson and while here met various government ministers and toured UK firms to assess their expertise in the transport and construction fields. Dr Monie was accompanied by Gilbert Ntang, director general of Cameroon Railways, who concentrated on Britain's railway expertise.



'T & I' index

Readers wanting to know when articles and items of information were published in *Trade and Industry* should consult the published indexes which are issued free to subscribers. For material published in recent months, inquiries of this kind can be made to the Department of Industry Library's indexing section, tel. 01-215 5842 or 01-215 5879.

Priestman Bros Ltd, Hull; an HS 748 aircraft for Nepal from British Aerospace, Middleton, Manchester; pesticide for Nepal from ICI Plant Protection Division, Haslemere, Surrey; an Hydra truck/crane for St Vincent from Coles Cranes Ltd, Uxbridge, Middlesex; a fishing wharf for Port Victoria in the Seychelles from Kier International, Sandy, Beds; trucks for Sri Lanka from Leyland Vehicles, Leyland, Lancs; a foot and mouth vaccine production unit for Sri Lanka from L. H. Engineering Ltd, Stoke Poges, Bucks; pharmaceuticals for Zambia from Searle Laboratories, Morpeth, Northumberland.

UK aids Malawi railways rehabilitation

Britain is to provide £1.5 million to Malawi to improve sections of the main railway link with Mozambique – one of the country's principal routes for exporting its goods.

The aim is to increase operating capacity, allowing trains to travel faster and carry heavier loads. It will also reduce the high number of derailments caused by deterioration of the present track which is over 40 years old, designed to meet the standards of the pre-war steam traction era. The British grant will be mainly spent on importing steel rails, steel, and timber sleepers from firms in the UK to re-rail some 80 miles of track and replace timber and steel sleepers on a further 90-mile stretch.

This project is a further stage in Britain's programme of assistance to Malawi Railways to which over £3.5 million has previously been committed.

Educational mission to far east

Following the highly successful British education equipment exhibition held in Tokyo in February this year (*Trade and Industry*, 16 March, page 572), the British Educational Equipment Association (BEEA) is mounting an outward trade mission to Japan, Hong Kong and Singapore for 1 to 20 December.

The director of supplies in Hong Kong has recently told BEEA that there are considerable opportunities for British suppliers. However, they must be prepared to be more positive in their approach to the Hong Kong market, for other foreign suppliers are making increasing contact with his department.

There is a trend away from the more formal rote learning methods to the newer 'activity approach'. As a result, there is a ready market for well-constructed educational aids and games. Equipment will be required for the 116 secondary schools planned to be built by 1981, which form only part of an extensive building programme.

BEEA says the British high commission has also stressed the importance of Hong Kong in trading with China. An increasing number of companies in Hong Kong are actively engaged in exporting educational equipment to China.

Singapore, BEEA says, is also a market which should not be neglected. It has been included in the mission as a result of demand by companies operating in the far east. The visit to Singapore will provide an excellent opportunity for other companies, not already established in Singapore, to investigate the market for the suitability of their products and to establish suitable contacts.

Further details can be obtained from Linda Gale, BEEA Export Unit Manager, tel. 01-247 9320. The cut-off date is 1 August.

ECGD deposit facilities with the Bank of China

Export Credits Guarantee Department-supported deposit facilities signed with the Bank of China to provide finance for the purchase by Chinese buying organisations of UK plant, equipment and associated services are given in the table. The facilities are available to finance 85 per cent of contracts with values of $5 million or more which must be denominated and payable in United States dollars.

Exporters interested in these facilities should contact Pauline Chapman or Robert Dugon at ECGD's head office, Aldermanbury House, Aldermanbury, London EC2P 2EL, tel. 01-606 6699, ext. 7572 or any of the banks listed alongside.

Lending bank	Contact and telephone number	Deposit facility amount
Barclays Bank International Ltd PO Box 115 168 Fenchurch Street London EC3P 3HP	Robin Payne 01-283 8989 ext. 3621	$150 million
International Westminster Bank Ltd National House 14 Moorgate London EC2R 6BS	Chris Cheeseman 01-588 6122	$300 million
Kleinwort Benson Ltd 20 Fenchurch Street London EC3P 3DB (in conjunction with Bank of Scotland)	Martin Collier 01-623 8000 (inquiries in Scotland to Peter King 031-556 2231)	$100 million
Midland Bank Ltd International Division 30 St Swithins Lane London EC4N 8AA	Barry Schofield or John Harper 01-606 9911 ext. 3209 or 3230	$400 million
Standard Chartered Merchant Bank Ltd 33-36 Gracechurch Street London EC3V 0AX	Michael Madden or David Roseveare 01-638 4070	$100 million
SG Warburg and Co Ltd 30 Gresham Street London EC2P 2EB (in conjunction with Lloyds Bank International Ltd)	Axel Brandt 01-600 4555	$100 million
Williams and Glyn's Bank Ltd PO Box 450 5-10 Great Tower Street London EC3R 5DH (in conjunction with Royal Bank of Scotland Ltd)	Alan Saunders 01-626 3270	$50 million

ECGD guarantees Bulgarian loan

A £2 million line of credit which Lloyds Bank has made available to the Bulgarian Foreign Trade Bank is being guaranteed by the Export Credits Guarantee Department.

The loan will help finance contracts placed in the UK for capital goods and associated services. UK exporters will receive 85 per cent of the contract price from the loan; the remaining 15 per cent is payable from the buyers' own resources.

To qualify under the terms of the loan a contract must have a minimum value of £20,000 and be placed by July 1980.

This is the third ECGD guaranteed line of credit made available by Lloyds Bank to the Bulgarian Foreign Trade Bank. Contracts placed under the previous line for £2 million signed in September 1977 have included a wide range of plant and machinery.

Exporters requiring further details of this facility should contact Mr D. De Silva of ECGD tel. 01-606 6699 ext. 7575 or Mr J. P. Smith of Lloyds Bank tel. 01-626 1500 ext. 3238.

Chamber plans scatter mission to Canada

A scatter mission to Canada is being organised by the Canada-United Kingdom Chamber of Commerce in April 1980.

The mission will take place from 22 April to 2 May 1980 and will be initially based in Toronto. The chamber say the mission will be open to a wide range of suppliers of goods and services, especially in consumer and light industrial fields.

Prospective business

This mission follows two in April this year, when, the chamber reports, the 26 members gained £7 million worth of prospective business.

Further details can be obtained from Margaret Bream, Canada-United Kingdom Chamber of Commerce, British Columbia House, 3 Lower Regent Street, London SW1Y 4NZ, tel. 01-930 2794.

Manchester chamber plans Saudi trade seminar

Developing trading links with Saudi Arabia will be the subject of a meeting of members of Manchester chamber of commerce on Thursday 20 September at the chamber. John Gray from the British embassy at Jeddah will be discussing the current trade prospects with the country containing the largest oil reserves in the world.

The markets where Mr Gray believes there are good opportunities include the construction supply industry, telecommunications, airport and port equipment, security equipment, foodstuffs, leisure and sports clothing, and hospital and school supplies.

Letters to the editor

Letters to the editor should be addressed to the Editor, *Trade and Industry*, Eleventh Floor, Millbank Tower, Millbank, London SW1P 4QU, and *not* to HMSO.

Birmingham chamber sponsors Leipzig and Düsseldorf joint ventures

Birmingham's Chamber of Commerce and Industry is sponsoring two joint ventures at overseas fairs next year in conjunction with the British Overseas Trade Board.

One, at the Leipzig international spring fair to be held from 9 to 16 March 1980, is in the engineering and components section which is a major field covered by the 1974 UK–GDR trading agreement. This covers all aspects of production, cutting, forming and processing and relates to machine tools, factory plant, special purpose machines, work-piece handling equipment, tools and all types of engineering components. Special reference is also made in the agreement to welding equipment.

The chamber says the Leipzig fair is by far the most important in eastern Europe and attracts many thousands of visitors from all parts of the world including the other Comecon countries. It also provides unique and convenient opportunities to meet the various Comecon foreign trade buying organisations who set up offices at the fair.

Bakery fair

The second joint venture is a first time participation at IBA 80, the eleventh international bakery fair, to be held in Düsseldorf from 7 to 15 June 1980.

IBA 80 is the world's largest bakery trade fair and takes place every three years. The exhibition specialises in machinery materials and specialised ingredients for the bakery, confectionery and allied trades and will include ovens, plant bakery machinery, bakery equipment and ancillary machines, baking aids, ingredients, packaging machinery and materials, shop fittings, refrigerated showcases and ice-cream equipment.

Among the visitors at previous exhibitions have been technical experts and producers from most parts of the world.

Further information about both these joint ventures can be obtained from Tony Cox, Overseas Fairs Division, 49 Calthorpe Road, Birmingham B15 1TH, tel. 021-455 9600.

BAEC to organise pavilion at Verona

At the Verona international agricultural fair, to be held from 8 to 16 March 1980, there will be a full British pavilion sponsored by the British Agricultural Export Council and the British Overseas Trade Board.

BAEC says the 1979 show attracted over 500 000 visitors of whom 10 000 were from overseas. Although overseas visitors to Verona are important, BAEC feels it is better to consider the show as the most important and influential in the Italian market rather than in an international context.

Some 20 UK firms were represented either indirectly or directly at the 1979 show and it is hoped that some of these companies will exhibit in the British pavilion.

Agricultural policy in Italy, BAEC says, is highly geared towards attaining a high degree of self-sufficiency in all sectors. To achieve this many millions of pounds are being spent in the regions on development of structures and systems. The level of subsidies available to the farmer and processor are very high indeed and come from a variety of sources.

Further information is available from Robin Elsy, British Agricultural Export Council, 35 Belgrave Square, London SW1X 8QN, tel. 01-245 9819. The cut-off date is 10 September.

NEI Parson wins Indian power station order

Britain is providing £14 million grant aid to India to help finance a new terminal power generating station at Titigarh 20 km north of Calcutta. The orders to supply equipment under this aid allocation have been won by the Newcastle-based firm of NEI Parsons.

The new power station will be part of a network owned by the Calcutta Electric Supply Corporation India Ltd, and when it comes on stream in 1982/83 the station will provide an additional 240 MW of generating capacity.

Additional road haulage permits for Italy and Spain

Increases in the numbers of Italian and Spanish permits available to British road hauliers were announced by Norman Fowler, Minister of Transport, on 16 July.

Italy

The 1979 quota of 7000 journeys has been increased to 7600 and the 1980 quota to 8500 – a total increase of over 20 per cent.

The additional permits for 1979 are available now to any operator with either French general quota or co-operation quota permits in hand for the transit journeys through France. Applications for these Italian permits must reach the International Road Freight Office (IRFO) in Newcastle by 10 August.

They should state the number of Italian permits required and confirm agreement to the same number of French general quota or co-operation quota permits being reallocated for transit to Italy. In the light of the total number of permits applied for, IRFO will decide whether applications can be met in full or only partially, and advise operators accordingly.

A further announcement will be made regarding allocation of the additional permits for 1980.

Spain

The existing quota of 3100 journeys has been increased by 13 per cent for 1980 bringing it up to 3500 journeys. Operators are reminded that transit journeys and carriage of perishable goods in refrigerated vehicles are quota free in Spain.

Double taxation: UK/Italy agreement reconsidered

During discussions between Italian and UK officials in London at the end of last month, agreement was reached on modifications to the text of the revised double taxation convention initialled by officials in Rome on 16 April 1977. This had been reconsidered in the light of the subsequent reform of company taxation in Italy.

The modified text will now be presented to the respective governments for their approval.

international warehouse and storage DIRECTORY 1979

The second amended edition of the INTERNATIONAL WAREHOUSE and STORAGE DIRECTORY, 1979, contains considerably more editorial detail than its 1978 predecessor.

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trade promotions guide

A **Trade and Industry** quarterly guide. Published with the 27 July 1979 issue

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Dudley Masters, 13 Great James Street, London WC1 01-242 9478

1 OVERSEAS FAIRS AND SYMPOSIA

where BOTB support is planned or under consideration
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Further information about individual events can be obtained from the trade association or the BOTB contact (01-248 5757) whose name and telephone extension is given against the event. The cut-off date at the end of each entry indicates the closing date for applications for BOTB support to reach Fairs and Promotions Branch from the sponsor.

2 STORE PROMOTIONS

where BOTB support is planned or under consideration
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GENERAL INQUIRIES ON BOTB SUPPORT

Fairs and Promotions Branch, Department of Trade, Hillgate House, 26 Old Bailey, London EC4M 7HU, **01-248 5757**

Overseas trade fairs ext 7447

Store promotions ext 7090

British Export Marketing Centre, Tokyo, ext. 663 or 7317

Outward missions and symposia ext 7084

UK trade fairs ext 7109

Special Export Services Branch, Export Services and Promotions Division, Department of Trade, Export House, 50 Ludgate Hill, London EC4M 7HU, **01-248 5757**

Inward missions ext 463

3 MISSIONS

where BOTB support is planned or under consideration
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Further information on individual outward missions can be obtained from the trade association or the BOTB Fairs and Promotions Branch contact named against the event. Information on inward missions can be obtained from S. H. Moger (01-248 5757 ext 463).
For outward missions the cut-off date at the end of each entry indicates the closing date for applications for BOTB support to reach Fairs and Promotions Branch from the sponsor.

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Cover based on an export display pack produced by Aldisplay Ltd, London SE1

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Books and periodicals 4, 24, 30
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Water, effluent and air treatment plant including anti-pollution, cleaning and refuse disposal equipment 14, 34
Other specialised fairs 14, 30, 34

1

OVERSEAS FAIRS AND SYMPOSIA

where BOTB support is planned or under consideration

General fairs

1979

FRANKFURT: International Trade Fair (Autumn). 26-29 August 1979. Joint ventures with appropriate trade associations. J. Irving ext. 690. Cut off date not yet arranged.

PLOVDIV: International Trade Fair. 3-10 September 1979. The Department of Trade will organise a British Pavilion. Mrs M. Suit ext. 7213. Cut off date passed.

ALGIERS: International Trade Fair. 5-21 September 1979. The Department of Trade will organise a British Pavilion. R. S. M. Impey ext. 602. Cut off date passed.

NAIROBI: Nairobi International Show. 25-29 September 1979. Joint venture with Birmingham Chamber of Industry and Commerce. R. Impey ext. 602. Cut off date passed.

BAGHDAD: International Fair. 1-15 October 1979. The Department of Trade will organise a British Pavilion. G. M. Lyndsell ext. 7314. Cut off date passed.

BUCHAREST: International Technical Exhibition (Technoexpo). 4-13 October 1979. The Department of Trade will organise a British Pavilion. Mrs M. Suit ext. 7213. Cut off date passed.

SAO PAULO. Symposium on British Technology. 27-30 November 1979. London Chamber of Commerce. J. Saunders ext. 214. Cut off date.

1980

KHARTOUM: 3rd Sudan International Fair. January/February 1980. The Department of Trade may organise an Information Stand at this event. R. Impey ext. 602.

KADUNA: Trade Fair. 17–24 February 1980. The Department of Trade may organise an Information Stand. R. Impey ext 602.

CAIRO: International Fair. 8-22 March 1980. The Department of Trade may organise a British Pavilion. R. Impey ext. 602. Cut off date 24.8.79.

LEIPZIG: International Spring Fair. March 1980. Joint ventures with 1. Birmingham Chamber of Industry and Commerce. 2. SIMA HMG Information Stand. B. G. Rice ext. 7246. Cut off date 14.9.79.

FRANKFURT: International Trade Fair (Spring). March 1980. Joint ventures with appropriate trade associations. J. Irving ext. 690. Cut off date not yet arranged.

HANOVER: Hanover Fair. 16–24 April 1980. Official Information Office and Joint ventures with appropriate trade associations. Mrs C. Miller ext. 7203. Cut off date 31.8.79.

BUDAPEST: Spring Fair. May 1980. The Department of Trade may organise a British Pavilion. Mrs M. Suit ext. 7213. Cut off date not yet arranged.

POZNAN: International Trade Fair. June 1980. The Department of Trade may organise a British Pavilion at this event. B. G. Rice ext. 7246. Cut off date not yet arranged.

LISBON: International Fair (FIL). June 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

DAMASCUS: International Trade Fair. July 1980. The Department of Trade may organise a British Pavilion at this event. R. Impey ext. 602. Cut off date not yet arranged.

FRANKFURT: International Trade Fair (Autumn). August 1980. Joint ventures with appropriate trade associations. J. Irving ext. 690. Cut off date not yet arranged.

MARSEILLES: International Trade Fair. September 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

TEHRAN: International Trade Fair. September 1980. The Department of Trade may organise a British Pavilion. R. Impey ext. 602. Cut off date not yet arranged.

LEIPZIG: International Autumn Fair. September 1980. Joint ventures with appropriate trade associations. B. G. Rice ext. 7246. Cut off date not yet arranged.

PLOVDIV: 36th Plovdiv International Trade Fair. September 1980. The Department of Trade may organise a British Pavilion. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

ALGIERS: International Trade Fair. September 1980. The Department of Trade may organise a British Pavilion. R. Impey ext. 602. Cut off date not yet arranged.

NAIROBI: Nairobi International Show. September/October 1980. Joint venture with appropriate trade association. R. Impey ext. 602. Cut off date not yet arranged.

BAGHDAD: International Fair. October 1980. The Department of Trade may organise a British Pavilion. G. M. Lyndsell ext. 7314. Cut off date not yet arranged.

BUCHAREST: International Trade Fair (TIB '79). October 1980. The Department of Trade may organise a British Pavilion. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

DAKAR: 4th International Trade Fair. November 1980. Possible joint venture/British Pavilion. R. Impey ext. 602. Cut off date not yet arranged.

1981

KHARTOUM: 4th Sudan International Fair. January/February 1981. The Department of Trade may organise an Information Stand at this event. G. M. Lyndsell ext. 7314.

CAIRO: International Fair. March 1981. The Department of Trade may organise a British Pavilion. R. Impey ext. 602. Cut off date not yet arranged.

HANOVER: Hanover Fair. April 1981. Official Information Office and joint ventures with appropriate trade associations. Mrs C. Miller ext. 7203. Cut off date 1.8.80.

CASABLANCA: International Trade Fair. April/May 1981. The Department of Trade may organise a British Pavilion in conjunction with the British Consulate General, Casablanca. R. Impey ext. 602. Cut off date not yet arranged.

LISBON: International Fair (FIL). June 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

POZNAN: International Trade Fair. June 1981. The Department of Trade may organise a British Pavilion at this event. B. G. Rice ext. 7246. Cut off date not yet arranged.

Agriculture, forestry, fishing and agricultural machinery

1979

LENINGRAD: 3rd International Machinery and Equipment for Fish and Sea Products Processing (Inrybprom). 14-28 August 1980. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

BUDAPEST: National Exhibition of Agriculture and Food Industry. 19 August-4 September 1980. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

NAIROBI: Nairobi International Show. 25-29 September 1979. Joint venture with Birmingham Chamber of Industry and Commerce. R. Impey ext. 602. Cut off date passed.

SEATTLE: Commercial Fishing Exhibition. 24-27 October 1979. Joint venture with Westminster Chamber of Commerce. Miss M. Thorogood ext. 7094. Cut off date passed.

1980

TORONTO: Canada Farm Show. 29 January-1 February 1980. Joint venture with Agricultural Engineers Association. D. J. Malley ext. 265. Cut off date not yet arranged.

PARIS: International Agricultural Machinery Exhibition (SIMA). 2-9 March 1980. Joint venture with Agricultural Engineers Association. Miss H. Goldberg ext. 7205. Cut off date 31.7.79.

PARIS: International Agricultural Exhibition. March 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

VERONA: International Agricultural Fair. 8-16 March 1980. Joint venture with British Agricultural Export Council. P. Crowe ext. 571. Cut off date 7.9.79.

REGGIO EMILIA: International Pig Fair. April/May 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date not yet arranged.

NOVI-SAD: International Agricultural Exhibition. May 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

LJUBLJANA: International Timber Fair. June 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

BOSTON: Commercial Fishing Exhibition. October 1980. Joint venture with appropriate trade association. J. M. Milne ext. 7094. Cut off date not yet arranged.

1981

PARIS: International Agricultural Machinery Exhibition (SIMA). March 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

PARIS: International Agricultural Exhibition. March 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

Aircraft and aeronautical equipment

1979

NICE: International Airport Construction and Exhibition. 15-18 October 1979. Joint venture with London Chamber of Commerce and Industry. Miss H. Goldberg ext. 7205. Cut off date passed.

TOKYO: International Aerospace Show. 17-25 November 1979. Joint venture with Society of British Aerospace Companies (contact J. Saunders 01-839 3231). J. L. Ackroyd ext. 7317. Cut off date passed.

1980

SHANGHAI: Aerospace Exhibition. 22 March-5 April 1980. Joint venture with Society of British Aerospace Companies. J. L. Ackroyd ext. 7317. Cut off date 31.8.79.

HANOVER: International Air Show (ILA). 24 April-1 May 1980. Joint venture with Society of British Aerospace Companies. H. M. Johnson ext. 7045. Cut off date not yet arranged.

1981

PARIS: 34th International Aeronautics and Space Exhibition. June 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

Books and periodicals

1979

MOSCOW: International Book Fair. 4-10 September 1979. Joint venture with Book Development Council. H. Giles ext. 7213. Cut off date passed.

FRANKFURT: International Book Fair. 10-15 October 1979. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

1980

CAIRO: International Book Fair. January/February 1980. Joint venture with the Book Development Council. R. Impey ext. 602. Cut off date not yet arranged.

BOLOGNA: International Book Fair for Children and Youth. April 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 1.11.79

CHICAGO: Annual Convention and Exhibition of the American Booksellers Association. 7-11 June 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

USA: Special Libraries Association Congress. June 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

FRANKFURT: International Book Fair. 8-13 October 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

COPENHAGEN: The Scandinavian Building Exhibition. Building for Billions. February/March 1981. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

BARCELONA: Building Industry Exhibition 'Construmat'. March 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

BILBAO: 'Ambiente '81' Exhibition. March 1981. Joint venture with appropriate trade association. Ms P. A Norkield ext. 7092. Cut off date not yet arranged.

Building, public works and construction equipment

1979

CAIRO: International Exhibition of Building and Construction Equipment (Interbequip). 11-20 October 1979. Joint venture with Building Materials Export Group. R. F. M. Impey ext. 602. Cut off date passed.

PARIS: International Building Exhibition (Batimat). 16-25 November 1979. Joint venture with Building Materials Export Group. F. Sullivan ext. 7211. Cut off date passed.

BAGHDAD: International Fair for Construction, Building and Decoration Equipment and Machines. 1-7 December 1979. Joint venture with Building Materials Export Group. G. M. Lyndsell ext. 7314. Cut off date passed.

1980

LAS VEGAS: National Association of Home Builders Exposition. 18-21 January 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

JEDDA: Middle East Construction Exhibition and Conference. 20-26 January 1980. Joint venture with:
Building Materials Export Group.
Federation of Manufacturers of Construction Equipment and Cranes.
British Furniture Manufacturers Federated Association. R. Impey ext. 602. Cut off date passed.

BRUSSELS: International Building Materials Exhibition (Batibouw). 29 February-9 March 1980. Joint venture with Building Materials Export Group. Miss H. Goldberg ext. 7205. Cut off date 15.8.79.

LAS VEGAS: World of Concrete Exposition. 2-6 March 1980. Joint venture with the Concrete Society. Miss M. Thorogood ext. 7094. Cut off date 30.8.79.

SINGAPORE: International Building Exhibition (SIBEX). 26-29 March 1980. Joint venture with Building Centre Group. R. D. Chapman ext. 7097. Cut off date 28-9-79.

MUNICH: International Construction Machinery Fair (BAUMA). 10-16 April 1980. Joint venture with:
The Federation of Manufacturers of Construction Equipment and Cranes.
British Internal Combustion Engine Manufacturers Association.
Miss J. D. Mooney. Cut off date passed.

HELSINKI: International Building Fair 'Finnbuild '80'. April 1980. Joint venture with appropriate trade association. Miss W. Titlep ext. 7207. Cut off date not yet arranged.

TOKYO: Heatex/Buildex. September 1980. Joint venture with appropriate trade association. F. Sullivan ext. 360. Cut off date not yet arranged.

BAHRAIN: Arabbuild. 9-14 November 1980. Joint venture with appropriate trade association. G. M. Lyndsell ext. 7314. Cut off date not yet arranged.

1981

LAS VEGAS: National Association of Home Builders Exposition. January 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

USA: World of Concrete Exposition. January/February 1981. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

BRUSSELS: International Building Materials Exhibition (Batibouw). February 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

Chemicals and allied industries including plastics

1979

DUSSELDORF: International Fair for the Plastics Industry (Kunststoffe). 10-17 October 1979. Joint venture with British Plastics Federation. Mrs C. Miller ext. 7203. Cut off date passed.

1980

MUNICH: International Exhibition and Congress for Bio-Chemical and Instrumental Analysis (Analitica). 28 April-2 May 1980. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date not yet arranged.

PHILADELPHIA: Chemical Plant Equipment Exposition. 9-12 June 1980. Joint venture with appropriate trade association. D. J. Malley ext. 265. Cut off date not yet arranged.

BRATISLAVA: International Chemical Exhibition (Incheba 1980). June 1980. Joint venture with Labware Promotions. B. G. Rice ext. 7246. Cut off date not yet arranged.

TORONTO: Plastics Show of Canada. 16-20 October 1980. Joint venture with appropriate trade association. D. J. Malley ext. 265. Cut off date not yet arranged.

TOKYO: International Plastics Fair. November 1980. Joint venture with appropriate trade association. J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

1981

HOUSTON: Petrochemical and Refining Exhibition (Petro-Expo). 6-9 April 1981. Joint venture with appropriate trade association. D. J. Malley ext. 265. Cut off date not yet arranged.

Clothing

1979

COLOGNE: International Men's Fashion Week. 24-26 August 1979. Joint venture with British Menswear Guild. Miss W. J. Titley ext. 7207. Cut off date passed.

PARIS: European Menswear Exhibition (SEHM) (Autumn Session). 8-11 September 1979. Joint ventures with:
Clothing Export Council.
British Menswear Guild.
Mrs L. Williams ext. 7211. Cut off date passed.

PARIS: Children's Fashion Exhibition. 8-11 September 1979. Joint venture with National Childrens Wear Association. F. Sullivan ext. 7211. Cut off date passed.

DUSSELDORF: International Fashion Trade Fair (Igedo). 9-12 September 1979. Joint venture with Clothing Export Council. Mrs C. Miller ext. 7203. Cut off date passed.

DUSSELDORF: International Fashion Fair (Igedo Dessous). 9-12 September 1979. Joint venture with Clothing Export Council. Mrs C. Miller ext. 7203. Cut off date passed.

COPENHAGEN: International Fashion Fair. 13-16 September 1979. Joint venture with Clothing Export Council. Miss W. J. Titley ext. 7207. Cut off date passed.

STOCKHOLM: International Fashion Fair. 16-18 September 1979. Joint venture with Clothing Export Council. Miss W. J. Titley ext. 7207. Cut off date passed.

NEW YORK: European Fashion Fair. 23-26 September 1979. Joint venture with British Knitting Export Council. Miss L. E. Novell ext. 318. Cut off date passed.

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BMT

1 OVERSEAS FAIRS AND SYMPOSIA
where BOTB support is planned or under consideration

MILAN: Milanovendemoda Fashion Show. 28 September-2 October 1979. Joint venture with Clothing Export Council. P. Crowe ext. 571. Cut off date passed.

COLOGNE: International Fair for Children and Young People. 12-14 October 1979. Joint venture with Westminster Chamber of Commerce. Miss W. J. Titley ext. 7207. Cut off date passed

MUNICH: International Fashion Week. 7-11 October 1979. Joint venture with Clothing Export Council. Miss J. D. Mooney ext. 7201. Cut off date passed

PARIS: International Exhibition of Women's Ready to Wear Clothing. 13-17 October 1979. Joint venture with Clothing Export Council. F. Sullivan ext. 7211. Cut off date passed.

NEW YORK: National Outerwear and Sportswear Association Supplies Exhibition (NOSA). 15-18 October 1979. Joint venture with Leather Institute. L. E. Novell ext. 318. Cut off date passed.

DUSSELDORF: International Fashion Trade Fair. (Igedo). 27-31 October 1979. Joint venture with Clothing Export Council. Mrs C. Miller ext. 7203. Cut off date passed.

DUBAI: International Fair for Clothes, Textiles and Fashion Accessories (Motexha). 13-16 November 1979. Joint venture with Clothing Export Council. G. M. Lyndsell ext. 7314. Cut off date 3.8.79.

1980

PARIS: Knitting Industries Exhibition. February 1980. Joint venture with British Knitting Export Council. F. Sullivan ext. 7211. Cut off date passed.

PARIS: Knitting Industries Exhibition. February 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: European Menswear Exhibition (SEHM). February 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: Children's Fashionwear Exhibition. February 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

NEW YORK: European Fashion Fair. 2-5 March 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext 318. Cut off date 31.10.79.

DUSSELDORF: International Fashion Trade Fair (Igedo). 9-12 March 1980. Joint venture with Clothing Export Council. Mrs C. Miller ext. 7203. Cut off date 30.11.79.

COPENHAGEN: 29th Scandinavian Fashion Week. 13-16 March 1980. Joint venture with appropriate trade association. W. Titley ext. 7207. Cut off date not yet arranged.

NEW YORK: National Association of Men's Sportswear Buyers Show (NAMSB). 23-26 March 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date 5.11.79.

COLOGNE: Fair for Children and Young People. March 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

PARIS: International Fur Show. April 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date 31.12.79.

DUSSELDORF: International Fashion Fair (Igedo). 20-24 April 1980. Joint venture with Clothing Export Council. H. M. Johnson ext. 7045. Cut off date not yet arranged.

PARIS: International Exhibition of Women's Ready to Wear Clothing (Pret-a-Porter) April 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date 31.12.79.

DUSSELDORF: International Fashion Trade Fair (Igedo). 7-10 September 1980. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date 1.5.80.

DUSSELDORF: International Fashion Trade Fair (Igedo Dessous). 7-10 September 1980. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date 1.5.80.

COPENHAGEN: 30th Scandinavian Fashion Week. September 1980. Joint venture with appropriate trade association. W. J. Titley ext. 7207. Cut off date not yet arranged.

PARIS: Children's Fashion Exhibition. September 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: European Menswear Exhibition (Autumn Session). September 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

NEW YORK: European Fashion Fair. September 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

DUSSELDORF: International Fashion Trade Fair (Igedo). 26-30 October 1980. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date 1.5.80.

COLOGNE: International Fair for Children and Young People. October 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

PARIS: International Exhibition of Women's Ready to Wear Clothing (Pret-a-Porter). October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

NEW YORK: National Outerwear and Sportswear Association Supplies Exhibition (NOSA). October 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

NEW YORK: National Association of Men's Sportswear Buyers Show (NAMSB). October 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

1981

PARIS: European Menswear Exhibition (SEHM) Spring. February 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: Knitting Industries Exhibition. February 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: Children's Fashionwear Exhibition. February 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

COPENHAGEN: 31st Scandinavian Fashion Week. March 1981. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

NEW YORK: European Fashion Fair. March 1981. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

NEW YORK: National Association of Men's Sportswear Buyers Show (NAMSB). March 1981. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

DUSSELDORF: International Fashion Fair (Igedo). March 1981. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date not yet arranged.

PARIS: International Fur Show. April 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

PARIS: International Exhibition of Women's Ready to Wear Clothing. April 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

Display and shop equipment

1979

PARIS: International Shop Fitting and Trade Equipment Exhibition (Equip-Mag). 25-29 October 1979. Joint venture with Shop and Display Equipment Association. Miss H. Goldberg ext. 7205. Cut off date passed.

EEC information

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Engineering, electrical and electronic, including radio and television

1979

BERLIN: International TV and Radio Exhibition. 24 August-2 September 1979. Joint venture with British Radio Equipment Manufacturers' Association. J. A. Irving ext. 690. Cut off date passed.

SAN FRANCISCO: Western Electronics Show (Wescon). 18-20 September 1979. Joint venture with Electronic Engineering Association. Miss M. Thorogood ext. 7094. Cut off date passed.

GENEVA: World Telecommunication Exhibition (Telecom). 20-26 September 1979. Joint venture with Electronic Engineering Association. Miss P. A. Norfield ext. 7092. Cut off date passed.

WIESBADEN: Military Electronics (Defence Equipment) Exhibition. 25-27 September 1979. Joint venture with Electronic Engineering Association. Miss J. D. Mooney ext. 7201. Cut off date passed.

PARIS: International Exhibition of Cinema, Theatre and Convention Hall Equipment (Cisco). 22-26 October 1979. Joint venture with Association of British Manufacturers of Photographic, Cine and Audio Visual Equipment. F. Sullivan ext. 7211. Cut off date passed.

NEW YORK: Audio Engineering Society Convention. 2-5 November 1979. Joint venture with Association of Sound and Communicating Engineers. I. MacLean ext. 7242. Cut off date passed.

MUNICH: Exhibition and Congress for Electronics Production (Productronica). 6-10 November 1979. Joint venture with SIRA Institute. J. Irving ext. 690. Cut off date passed.

SINGAPORE: British Electrical and Allied Manufacturers Association Seminar: 12-15 November 1979. Contact B. Masters tel. 01-437 0678. FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

SINGAPORE: International Electronic Communication Show (Communicasia '79). 5-8 December 1979. Joint venture with Electronic Engineering Association. R. D. Chapman ext. 7097. Cut off date passed.

1980

LAS VEGAS: Winter Consumer Electronics Show. 5-8 January 1980. Joint venture with Federation of British Audio. I. MacLean ext. 7242. Cut off date 13.7.79.

TOKYO: Internepcon (incl IMMM). 23-26 January 1980. Joint venture with Westminster Chamber of Commerce. J. L. Ackroyd ext. 7317. Cut off date 7.9.79.

TOKYO: Electro-Optics and Laser Exhibition. 23-26 January 1980. Joint venture with SIRA. J. L. Ackroyd ext. 7317. Cut off date 24.8.79.

ANAHEIM: National Electronic Packaging and Production Conference and Exhibition (Nepcon West). 26-28 February 1980. Joint venture with Westminster Chamber of Commerce. Miss M. Thorogood ext. 7094. Cut off date 31.10.79.

MOSCOW: 2nd International Exhibition – Equipment and Instruments for Television and Cinematography (Telekinotekinika '80). 27 February-12 March 1980. Joint venture with Association of British Manufacturers of Photographic, Cine and Studio-Visual Equipment. Mrs M. Suit ext. 7213. Cut off date 17.8.79.

ZURICH: Semiconductor Equipment and Material Convention (Semicon – Europa). 11-13 March 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

PARIS: Exhibition of Electronic Components. 27 March-2 April 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: Festival Du Son – Audio Exhibition. March 1980. Joint venture with Federation of British Audio. F. Sullivan ext. 7211. Cut off date not yet arranged.

CANNES: International Television Programme Market (MIP-TV). 18-24 April 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date 6.2.80.

SEOUL: Internepcon 8-10 May 1980. Joint venture with Westminster Chamber of Commerce. F. Sullivan ext. 360. Not yet arranged.

BOSTON: Institute of Electrical and Electronic Engineering (Electro '80). 13-15 May 1980. Joint venture with Electronic Engineering Association. Miss M. Thorogood ext. 7094. Cut off date 16-11-79.

ANAHEIM: National Computer Conference. 19-22 May 1980. Joint venture with appropriate trade association. J. Maclean ext. 7242. Cut off date not yet arranged.

RIO DE JANEIRO: International Telecommunication Exposition (Intelcom 80 Rio). 19-23 May 1980. Joint venture with appropriate trade association. D. J. Malley ext. 265. Cut off date not yet arranged.

CHICAGO: Summer Consumer Electronics Show. June 1980. Joint venture with appropriate trade association. J. Maclean ext. 7242. Cut off date not yet arranged.

DUSSELDORF: 5th International Hi-Fi Exhibition. August 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

JOHANNESBURG: Electra and Mining Exhibition. 15-19 September 1980. Joint venture with British Electrical and Allied Manufacturers Association. R. Impey ext. 602. Cut off date not yet arranged.

SINGAPORE: International Exhibition of Electrical and Electronic Engineering (Enex '80). 21-25 October 1980. Joint venture with appropriate trade association. R. D. Chapman ext. 7097. Cut off date not yet arranged.

SINGAPORE: International Exhibition of Domestic Appliances and Consumer Electronics (Domex 80). 21-25 October 1980. Joint venture with appropriate trade association. R. D. Chapman ext. 7097. Cut off date not yet arranged.

TOKYO: Electronic Show. October 1980. Joint venture with Electronic Engineers Association. J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

WIESBADEN: Military Electronic (Defence Equipment) Exhibition. October 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

CHICAGO: Instrument Automation Conference (ISA). October 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

NEW YORK: Society of Motion Pictures and TV Engineers Exhibition. October-November 1980. Joint venture with appropriate trade association. J. Maclean ext. 7242. Cut off date not yet arranged.

MUNICH: International Trade Fair for Production in the Electronic Industry (Electronica). November 1980. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date not yet arranged.

1981

PARIS: 16th International Lighting Exhibition. January 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

BAHRAIN: Middle East Electronic Communications Show (Mecom). February 1981. Joint venture with appropriate trade association. G. M. Lyndsell ext. 7314. Cut off date not yet arranged.

ZURICH: Semiconductor Equipment and Material Convention (Semicon Europa). March 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

ANAHEIM: National Electronic Packaging and Production Conference and Exhibition. (Nepcon West. March 1981. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

PARIS: Festival Du Son. March 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

CANNES: International Television Programme Market (MIP-TV). April 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

PARIS: Exhibition of Electronic Components. April 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

BRUSSELS: Computer Peripheral, Small Computer and Systems Exhibition. May 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

MONTREUX: International Television Symposium and Technical Exhibition. May 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

Engineering, other

1979

BRNO: International Engineering Fair. 12-20 February 1979. Joint ventures with
Scientific Instrument Manufacturers Association
Birmingham Chamber of Commerce and Industry
Federation of Manufacturers of Construction Equipment and Cranes.
B. G. Rice ext. 7246. Cut off date passed.

MILAN: 3rd International Machine Tool Exhibition (EMO). 10-18 October 1979. Joint venture with Machine Tool Trades Association. P. Crowe ext. 571. Cut off date passed.

SINGAPORE: The 2nd South East Asian Production Machinery and Engineering Equipment Show (Machine Asia '79). 15-19 October 1979. The Department of Trade will organise a British Pavilion. R. D. Chapman ext. 7097. Cut off date passed.

STOCKHOLM: International Technical Fair. 18-24 October 1979. Joint venture with Engineering Industries Association. Miss W. J. Titley ext. 7207. Cut off date passed.

BAHRAIN: Middle East Materials Handling Show and Conference. 22-25 October 1979. Joint venture with Birmingham Engineering and Building Centre. G. M. Lyndsell ext. 7314. Cut off date passed.

ZURICH: 9th International Hydraulics and Pneumatic Exhibition. 29 October-3 November 1979. Joint venture with British Compressed Air Society. Ms P. Norfield ext. 7092. Cut off date passed.

CHICAGO: Triple Engineering Show. 13-15 November 1979. Joint venture with Association of Hydraulic Equipment Manufacturers. Miss M. Thorogood ext. 7094. Cut off date passed.

PARIS: 7th International Hydraulics and Compressed Air Exhibition (Mecanelem). 3-8 December 1979. Joint venture with Association of Hydraulic Equipment Manufacturers Ltd. Miss H. Goldberg ext. 7205. Cut off date passed.

1980

ZURICH: International Trade Fair for High Precision Techniques Dimensional Measurement and Control (Microtechnic). 4-9 February 1980. Joint venture with Gauge and Tool Makers Association. Ms P. Norfield ext. 7092. Cut off date passed.

BAHRAIN: Middle East Engineering, Light Industry and Plant Maintenance Show. 17-21 February 1980. Joint venture with Birmingham Chamber of Industry and Commerce. G. M. Lyndsell ext. 7314. Cut off date passed.

MILAN: International Exhibition of Hydraulic, Pneumatic and Lubricating Apparatus (Fluid). 1-6 March 1980. Joint venture with the Association of Hydraulic Equipment Manufacturers. P. Crowe ext. 571. Cut off date 3.9.79.

NEW ORLEANS: Gas Turbine Conference and Products Show. 9-13 March 1980. Joint venture with British Electrical and Allied Manufacturers Association. D. J. Malley ext. 265. Cut off date 14.9.79.

MOSCOW: Cryogenic Engineering. 11-20 March 1980. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

How the British Overseas Trade Board can help you promote your goods overseas

Under the direction of the British Overseas Trade Board's Export Services and Promotions Division, the Department of Trade supports British firms at trade promotions overseas through its Fairs and Promotions Branch.

In 1978, the British Overseas Trade Board supported some 7700 firms exhibiting at 318 trade fairs in 71 countries, and 12 store promotions. In 1978, 252 outward missions were supported and some 3200 firms were helped in that way.

Joint ventures

Under its joint venture scheme the BOTB provides space and a shell stand for each firm taking part in a group display sponsored by a trade association or other non profit-making body at an overseas trade fair. In addition, for joint ventures held outside western Europe, the BOTB pays half the return tourist air fares of two representatives from each firm manning their stand for the duration of the event and half the freight charges for returning unsold goods exhibited at the event. Firms taking part in a joint venture display will be charged £18 per sq m of space and shell stand occupied. A discount of 50 per cent on these rates will be available to firms for their first two participations at a particular joint venture.

British pavilions

At some overseas trade fairs, usually those where participation is organised on a national basis, the BOTB organises British pavilions. Space and shell stands are provided to participating firms at attractive rates. Firms taking space in a British pavilion, provided the event is held outside western Europe, are also eligible for assistance similar to that given under the joint venture scheme towards the costs of representatives' travel and of returning unsold exhibits.

Symposia

In certain circumstances British firms taking part in symposia organised in association with a trade association may be given support.

Information stands

At the more important trade fairs, especially in western Europe, the BOTB provides an official information stand staffed by diplomatic service commercial officers. Apart from dealing with commercial inquiries, these Information Stands serve as a focal point for British firms exhibiting at the event either directly or through local agents.

British Export Marketing Centre, Tokyo.

See also page 14

Up to 10 official export promotions and trade exhibitions will be held each year in the British Export Marketing Centre in Tokyo. These will be arranged in conjunction with a trade association. In addition the centre is available to British companies or their agents in Japan for mounting individual product exhibitions or promotions.

Store promotions

Promotions of British goods involving a substantial volume of new buying are put on by overseas department stores. The BOTB assists the store by providing an agreed contribution towards the store's promotional expenses.

Outward missions

Trade missions to overseas markets are sponsored by a trade association, chamber of commerce or similar non profit-making body. Their purpose is to assess the prospects for British exports in selected markets or to sell or to promote the sale of British products. For approved outward missions the BOTB contributes towards the costs of each participant according to a fixed scale.

Inward missions

The BOTB through the Special Export Services Branch offers financial assistance to trade associations and other non profit-making bodies sponsoring visits to Britain by groups of overseas businessmen wishing to purchase British products or assess the latest developments in British industry.

1 OVERSEAS FAIRS AND SYMPOSIA
where BOTB support is planned or under consideration

LOS ANGELES: Western Metal and Tool Exposition (Westec). 19-22 March 1980. Joint venture with Gauge and Tool Makers Association. Miss M. Thorogood ext. 7094. Cut off date 31.8.79.

AMSTERDAM: International Traffic Engineering Exhibition (Intertraffic). 22-25 April 1980. Joint venture with appropriate trade association. Ms P A. Norfield ext. 7092. Cut off date not yet arranged.

CHICAGO: Plant Engineering and Maintenance Show. April/May 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

FRANKFURT: International Dairy Engineering Exhibition. 6-10 May 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

BRUSSELS: International Industrial Equipment Exhibition. 17-21 May 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

SEOUL: British Industrial Exhibition for the Metalworking and Allied Industries (Britmet '80). 2-9 June 1980. All British Fair organised by Industrial and Trade Fairs International Ltd. R. Grindley ext. 360. Cut off date not yet arranged.

ZAGREB: 5th International Machine Tool and Tool Exhibition (BIAM). 9-14 June 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

BRNO: International Foundry Exhibition (Fondex). 23-29 June 1980. Joint venture with appropriate trade association. B. G. Rice ext. 7246. Cut off date not yet arranged.

TOKYO: International Mechanical Handling Show. June 1980. Joint venture with appropriate trade association. J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

LJUBLJANA: International Timber Fair. June 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

BASLE: International Wire Exhibition. June 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

SEOUL: International Shipbuilding, Shiprepairing, Ports and Harbour Exhibition. 28 July-4 August 1980. Joint venture with appropriate trade association. R. Grindley ext. 360. Cut off date not yet arranged.

BASLE: 'Eurotunnel'. 16-20 September 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

SYDNEY: International Engineering Exhibition (AIEE). September 1980. The Department of Trade may organise a British Pavilion. R. D. Chapman ext. 7097. Cut off date not yet arranged.

CHICAGO: International Machine Tool Show. September 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

BRNO: International Engineering Fair. September 1980. Joint ventures with appropriate trade associations. B. G. Rice ext. 7246. Cut off date not yet arranged.

TOKYO: International Chemical Plant Engineering Exhibition. October 1980. Joint venture with CBMPE. J. Ackroyd ext. 7317. Cut off date not yet arranged.

STOCKHOLM: International Technical Fair. October 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

USA: Triple Engineering Show. October-November 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

GOTHENBURG: Scanautomatik – Hydraulics, Pneumatics and Automation Trade Fair. November/December 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

1981

ZURICH: International Aircraft Maintenance Engineering Exhibition and Conference. 10-13 February 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

LOS ANGELES: Western Metal and Tool Exhibition (Westec). March 1981. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

BILBAO: Ambiente Exhibition. April 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

SOFIA: 'Bulcontrols '81'. May 1981. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

Foodstuffs, food machinery, hotel and catering equipment

1979

COLOGNE: International Fine Foods and Provisions Exhibition (Anuga). 8-13 September 1979. Joint venture with British Food Export Council. H. M. Johnson ext. 7045. Cut off date passed.

MALMO: 9th International Hotel and Restaurant Show (Resta 1X). 9-12 October 1979. Joint venture with London Chamber of Commerce. Miss W. J. Titley ext. 7207. Cut off date passed.

DUBLIN: International Food and Drink Exhibition (Ifdex). 15-19 October 1979. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date passed.

BASLE: International Hotel and Catering Exhibition (Igemo) 21-27 November 1979. Joint venture with London Chamber of Commerce and Industry. Ms P Norfield ext. 7092. Cut off date passed.

1980

BAHRAIN: Middle East Food and Equipment Exhibition. 13-17 January 1980. Joint ventures with 1. British Food Export Council. 2. London Chamber of Commerce and Industry. G. M. Lyndsell ext. 7314. Cut off date 31.7.79.

AMSTERDAM: International Hotel, Cafe and Restaurant Exhibition (Horecava). January 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

BRNO: International Food Salon (Salima '80). 20-27 February 1980. Joint venture with London Chamber of Commerce and Industry. B. G. Rice ext. 7246. Cut off date passed.

COLOGNE: International Sweets and Biscuits Fair (ISM). 28 January-1 February 1980. Joint venture with British Food Export Council. Miss W. J. Titley ext. 7207. Cut off date 31.8.79.

UTRECHT: International Food Fair. 11-15 February 1980. Joint venture with British Food Export Council. P. Crowe ext. 571 Cut off date 28.9.79.

HAMBURG: International Trade Fair for Hotel Catering and Bakery (Internorga) 9-14 March 1980. Joint venture with City of Westminster Chamber of Commerce. Miss J. D. Mooney ext 7201. Cut off date 3.10.79.

TOKYO: Hoteres and Foodex Exhibition. March 1980. Joint venture with British Food Export Council. R. Grindley ext. 360. Cut off date not yet arranged.

SINGAPORE: International Exhibition of Food, Drink, Processing, Catering and Hotel Equipment (Food Asia). 15-18 April 1980. Joint ventures with British Food Export Council and London Chamber of Commerce. R. D. Chapman ext. 7097. Cut off date 15.9.79.

FRANKFURT: International Dairy Engineering Exhibition. 6-10 May 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

CHICAGO: National Restaurant Hotel Motel Exhibition. 17-21 May 1980. Joint venture with London Chamber of Commerce and Industry. Miss M. Thorogood ext. 7094. Cut off date 29.8.79.

FRANKFURT: International Meat Trade Fair (IFFA). 1-8 June 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

DUSSELDORF: International Bakery Exhibition (IBA). 7-15 June 1980. Joint venture with Birmingham Chamber of Commerce and Industry. Mrs C. Miller ext. 7203. Cut off date 14.9.79.

ECGD

The Export Credits Guarantee Department's head office is at Aldermanbury House, Aldermanbury, London EC2P 2EL, tel. 01-606 6699.

SYDNEY: International Catering Trade Fair. 29 June-3 July 1980. Joint venture with appropriate trade association. R. D. Chapman ext. 7097. Cut off date not yet arranged.

GENEVA: International Microcomputers, Minicomputers and Microprocessors Exhibition. June 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

USA: National Fancy Food and Confection Show. June 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

BUDAPEST: National Exhibition of Agriculture and Food Industry. 19 August-4 September 1980. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

GOTHENBURG: Hotel and Restaurant Exhibition Interfood (Interest '80). October 1980. Joint venture with appropriate trade association. Miss W. J. Titley, ext. 7207. Cut off date not yet arranged.

PARIS: International Hotel and Catering Exhibition. October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

VALENCIA: International Food Fair. October/November 1980. British Pavilion. D. J. Malley ext. 265. Cut off date not yet arranged.

PARIS: International Food Exhibition (SIAL). November 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

1981

AMSTERDAM: International Hotel, Cafe and Restaurant Exhibition (Horecava). January 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

COPENHAGEN: International Food Fair. May 1981. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

Footwear

1979

NEW YORK: National Shoe Fair. 4-7 August 1979. Joint venture with British Footwear Manufacturers Association. Miss L. E. Novell ext. 318. Cut off date passed.

MILAN: International Footwear Exhibition (Micam). 1-4 September 1979. Joint venture with British Footwear Manufacturers Federation. P. Crowe ext. 571. Cut off date passed.

DUSSELDORF: European Footwear Samples Display (GDS). 22-24 September 1979. Joint venture with British Footwear Manufacturers Federation. H. M. Johnson ext. 7045. Cut off date passed.

ATLANTIC CITY: Footwear Manufacturing Conference. 20-23 October 1979. Joint venture with Shoe and Allied Trades Research Association. Miss M. Thorogood ext. 7094. Cut off date passed.

1980

DALLAS: National Shoe Fair. February 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

DUSSELDORF: European Samples Display (GDS). 22-24 March 1980. Joint venture with appropriate trade association. Miss S. J. Parkes ext. 7045. Cut off date not yet arranged.

BOLOGNA: International Exhibition of Footwear Fashions. 7-10 March 1980. Joint venture with British Footwear Manufacturing Federation. P. Crowe ext. 571. Cut off date 21.9.79.

DUSSELDORF: European Footwear Samples Display (GDS). 20-22 September 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

VIENNA: Shoe Fair (OSMU). September 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 15.5.80.

MILAN: International Footwear Exhibition (Micam). September 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 31.3.80.

1981

NEW YORK: National Shoe Fair. February 1981. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

Furniture, furnishings, household equipment and hardware

1979

CHICAGO: National Hardware Show. 13-16 August 1979. Joint ventures with:
Hardware Manufacturers Association
Federation of British Hand Tool Manufacturers
Mrs R. Robinson ext. 7204. Cut off date passed.

UTRECHT: International Furniture Exhibition. 10-16 September 1979. Joint venture with British Furniture Manufacturers Exhibition Ltd. P. Crowe ext. 571. Cut off date passed.

LYONS: International Furniture Exhibition (Meuropam). 6-9 October 1979. Joint venture with British Furniture Manufacturers Federated Associations. Miss H. Goldberg ext. 7205. Cut off date passed.

TORONTO: International Interior Design Show. 6-8 November 1979. Joint venture with British Contract Furnishing Association. Miss L. E. Novell ext. 318. Cut off date passed.

TOKYO: International Furniture Fair. 21-27 November 1979. Joint venture with British Furniture Manufacturers Federated Association. R. Grindley ext. 360. Cut off date passed.

BASLE: International Hotel and Catering Exhibition (Igemo). 21-27 November 1979. Joint venture with London Chamber of Commerce and Industry. Ms P. Norfield ext. 7092. Cut off date passed.

BRUSSELS: International Furniture Show. November 1979. Joint venture with British Furniture Manufacturers Federated Associations. F. Sullivan ext. 7211. Cut off date passed.

1980

CHICAGO: National Floorcoverings Mart. 6-11 January 1980. Joint venture with British Carpet Manufacturers Association. Miss L. E. Novell ext. 318. Cut off date 24.8.79.

FRANKFURT: International Trade Fair for Home Furnishing Textiles (Heimtextil). 9-13 January 1980. Joint venture with 1) National Wool Textile Export Corporation. 2) Irish Linen Guild. 3) appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date 31.7.79.

COLOGNE: International Furniture Fair. 15-20 January 1980. Joint venture with British Furniture Manufacturers Federated Associations. H. M. Johnson ext. 7045. Cut off date passed.

CHICAGO: National Housewares Show. January 1980. Joint venture with Hardware Manufacturers Association. Mrs J. Robinson ext. 7204. Cut off date 24.8.79.

COLOGNE: International Hardware Fair. 9-12 February 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date passed.

COLOGNE: International Trade Fair for Large Household Apparatus and Electrical Appliances (Domotechnica). February 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date passed.

COLOGNE: International Houseware Fair. February 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date passed.

TORONTO: Canadian Hardware Show. February 1980. Joint venture with Birmingham Chamber of Commerce and Industry. Mrs J. Robinson ext. 7204. Cut off date 27.7.79.

PARIS: International Art of Homemaking Exhibition. 1-10 March 1980. Joint venture with Association of Manufacturers of Domestic Electrical Appliances. Miss H. Goldberg ext. 7205. Cut off date passed.

DALLAS: National Home Centre/Home Improvement Congress and Exposition. March 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

COPENHAGEN: Scandinavian Furniture Fair. 7-11 May 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

MILAN: Carpets and Furnishing Textiles Fair (Star). May 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 30.11.79.

PARIS: Exhibition of Interior Furnishing (Paritex). June 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: International Carpet and Floor Covering Exhibition. June 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

CHICAGO: National Exposition of Contract Interior Furnishings (Neocon). June 1980. Joint venture with British Carpet Manufacturers Association. Miss L. E. Novell ext. 318. Cut off date 24.8.79.

CHICAGO: National Housewares Show. July 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

CHICAGO: National Hardware Show. August 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

BASLE: International Hardware Fair (Interferex). September 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

MILAN: International Furniture Fair. September 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date not yet arranged.

HIGH POINT, NORTH CAROLINA: High Point Southern Furniture Exhibition. October 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

LYONS: International Furniture Exhibition (Meuropan). October 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

BRUSSELS: International Furniture Show. November 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

TORONTO: International Interior Design Show. November 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 7204. Cut off date not yet arranged.

1981

CHICAGO: National Housewares Show. January 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

CHICAGO: National Floorcovering Mart. January 1981. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

PARIS: 11th International Furniture Exhibition. January 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

FRANKFURT: International Trade Fair for Home Furnishing Textiles (Heimtextil). January 1981. Joint venture with appropriate trade associations. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

TORONTO: Canadian Hardware Show. February 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

CHICAGO: National Home Center/Home Improvement Congress and Exposition. March 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

COPENHAGEN: Scandinavian Furniture Fair. May 1981. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

PARIS: International Carpet and Floor Covering Exhibition. June 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

PARIS: Exhibition of Interior Furnishing (Paritex). June 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

Gas and oil extraction and distribution including offshore activities

1979

HOUSTON: Gastech LNG/LPG conference and Exhibition. 13-16 November 1979. Joint venture with CBMPE. D. J. Malley ext. 265. Cut off date passed.

1980

SINGAPORE: Offshore South East Asia Conference and Exhibition. 26-29 February 1980. Joint venture with CBMPE. R. D. Chapman ext. 7097. Cut off date passed.

KYOTO: 6th International Conference and Exhibition on Liquefied Natural Gas (LNG 6). 6-11 April 1980. Joint venture CBMPE. J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

HOUSTON: 12th Annual Offshore Technology Conference. 5-8 May 1980. Joint venture with appropriate trade association. D. J. Malley ext. 265. Cut off date October 1979.

CALGARY: National Petroleum Show. 27-29 May 1980. Joint venture with CBMPE. D. J. Malley ext. 265. Cut off date 15.10.79.

AMSTERDAM: European Exhibition for Petroleum Technology 'Petrotech'. May 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

STAVANGER: Offshore North Sea Technology Conference and Exhibition (ONS '80). 26-29 August 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date 28.9.79.

DUBAI: Middle East Gas and Petroleum Technology Exhibition. September 1980. Joint venture with appropriate trade association. G. M. Lyndsell ext. 7314. Cut off date not yet arranged.

Technical, Chemical, Electronics, Engineering, Medical, Legal and Commercial Translations

- FRENCH
- GERMAN
- SPANISH
- ITALIAN
- PORTUGUESE
- JAPANESE
- GREEK
- ARABIC
- RUSSIAN
- DUTCH
- SWEDISH
- FINNISH

etc., etc.

ALL LANGUAGES TRANSLATED

CEDAR TRANSLATION AGENCY

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Head Office: 27 MONTAYNE ROAD, WALTHAM CROSS, HERTS Tel: Waltham Cross (0992) 39822 and 25541

TECHNICAL SPECIFICATIONS
INSTRUCTION MANUALS
LEGAL DOCUMENTS
CORRESPONDENCE · PATENTS, ETC.

1 OVERSEAS FAIRS AND SYMPOSIA
where BOTB support is planned or under consideration

TOKYO: International Chemical Plant Engineering Exhibition. October 1980. Joint venture with CBMPE. J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

1981

BAHRAIN: Middle East Oil Show. March 1981. Joint venture with appropriate trade association. G. M. Lyndsell ext. 7314. Cut off date not yet arranged.

Heating and ventilating

1979

PARIS: 6th International Heating, Refrigeration and Air Conditioning Exhibition (Interclima) and 2nd European Exhibition for Refrigeration, Air Conditioning, Air Handling and Drying (Expoclima). 16-21 November 1979. Joint venture with Heating, Ventilating and Air Conditioning Manufacturers Association. Miss H. Goldberg ext. 7205. Cut off date passed.

1980

STUTTGART: International Trade Fair for Energy and Engineering (including Oil and Gas Fired Heating and Air Conditioning) 'Intherm'. 23-29 March 1980. Joint venture with Birmingham Engineering and Building Centre. Miss J. D. Mooney ext. 7201. Cut off date 1.8.79.

1981

USA: International Air Conditioning, Heating, Refrigerating Exposition. January/February 1981. Joint venture with appropriate trade association. Miss M Thorogood ext. 7094. Cut off date not yet arranged.

UTRECHT: International Heating and Ventilating Exhibition (VKL). March 1981. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date not yet arranged.

Horticulture and horticultural equipment

1979

COLOGNE: International Garden Trade Fair. 23-25 September 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

1980

COLOGNE: International Garden Trade Fair. 23-25 September 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

Hospital, medical, surgical and dental equipment

1979

HAMBURG: European Radiological Congress and Exhibition. 4-8 September 1979. Joint venture with the British Electrical and Allied Manufacturers Association (BEAMA). Miss J. D. Mooney ext. 7201. Cut off date passed.

TEL AVIV: International Hospital Equipment Exhibition (Expomedical). 15-19 October 1979. Joint venture with British Health-Care Export Council. P. Crowe ext. 571. Cut off date passed.

TOKYO: 9th World Congress of Obstetrics and Gynaecology. 26-30 October 1979. Joint venture with British Health-Care Export Council. R. Grindley ext. 360. Cut off date passed.

HONG KONG: British Medical Association Exhibition. 2-6 November 1979. Joint venture with British Health-Care Export Council. A. G. Campbell ext 7011. Cut off date passed.

1980

HELSINKI: Physicians Days Exhibition (Medicine 80). 6-11 January 1980. Joint venture with Association of British Pharmaceutical Industries. Miss W. J. Titley ext. 7207. Cut off date passed.

PARIS: National Exhibition of Hospital Equipment. January 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

ATLANTA: 27th Congress of the Association of Operating Room Nurses. 9-14 March 1980. Joint venture with British Health-Care Export Council. Miss M Thorogood ext. 7094. Cut off date 27.7.79.

BUCHAREST: General Medicine Surgery and Stomatology Equipment, Instruments and Materials 'Medicina'. 10-20 March 1980. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

PEKING: Medical Equipment Exhibition. 12-22 March 1980. British Health-Care Export Council. Contact J. Harris tel. 1-580 7912.
J. L. Ackroyd ext. 7317. Cut off date not yet known.

USA: Optical Fair. March 1980. Joint venture with appropriate trade association. Miss M Thorogood ext. 7094. Cut off date not yet arranged.

POZNAN: International Trade Fair for Medical Equipment (Salmed). 18-22 April 1980. Joint venture with British Health-Care Export Council. B. G. Rice ext. 7246. Cut off date 19.10.79.

PARIS: International Exhibition of Optical Goods and Materials. May 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

WINNIPEG: World Congress on Rehabilitation. 22-27 June 1980. Joint venture with British Health-Care Export Council. Miss M. Thorogood ext. 7094. Cut off date 31.8.79.

BUDAPEST: International Exhibition of Medical Instruments. 13-19 July 1980. Joint venture with appropriate trade association. Mrs M. Suit ext. 7213. Cut off date not yet arranged.

MOSCOW: 2nd International Exhibition 'Public Health, Medical Equipment and Drugs' Zdravookhranenie. 26 August-9 September 1980. Joint venture with appropriate trade association. Mrs M. E. Suit ext. 7213. Cut off date not yet arranged.

USA: International Disabled Exhibition. August-September 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

ABIDJAN: West Africa Health-Care Exhibition. 16-19 September 1980. Joint venture with British Health-Care Export Council. R. Impey ext. 602. Cut off date not yet arranged.

USA: American Society of Anaesthesiologists. October 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

ZURICH: International Trade Fair for Hospital and Medical Equipment 'IFAS'. October 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

USA: American Association of Respiratory Therapy. November 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

DUSSELDORF: International Exhibition and Congress on Diagnostics (Medica). November 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

STOCKHOLM: Hospital/Medicine '80. December 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

1981

USA: 28th Congress of the Association of Operating Room Nurses. March 1981. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

ZAGREB: Medicine and Medical Aids Exhibition. May 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

Jewellery and giftware

1979

CHICAGO: Gift Show. 29 July-3 August 1979. Joint venture with Export Council for British Jewellery and Giftware Federation. Mrs J. Robinson ext. 7204. Cut off date passed.

CHICAGO: RJA International Jewellery Trade Show and Conference. 11-13 August 1979. Joint venture with Export Council for the British Jewellery and Giftware Federation. Mrs J. Robinson ext. 7204. Cut off date passed.

NEW YORK: Gift Show. 12-17 August 1979. Joint venture with Westminster Chamber of Commerce. Mrs J. Robinson ext. 7204. Cut off date passed.

LOS ANGELES: 22nd Pacific Jewellery Show. 18-20 August 1979. Joint venture with British Jewellery and Giftware Federation. Mrs J. Robinson ext. 7204. Cut off date passed.

PARIS: 67th Jewellery, Silverware, Clocks, Watches and Gifts Exhibition (Bijorhca). 6-11 September 1979. Joint venture with Export Council for the British Jewellery and Giftware Federation. Miss M. Goldberg ext. 7205. Cut off date passed.

1980

PARIS: Jewellery, Silverware, Clocks, Watches and Gifts Exhibition (Bijorhca). January 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

NEW YORK: International Jewellery Trade Fair. February 1980. Joint venture with Export Council for the Jewellery and Giftware Federation. Mrs J. Robinson ext. 7204. Cut off date 28.9.79.

NEW YORK: Gift Show. February 1980. Joint venture with Westminster Chamber of Commerce. Miss L. E. Novell ext. 7204. Cut off date 14.9.79.

CHICAGO: Gift Show. 27 January 3 February 1980. Joint venture with Export Council for the Jewellery and Giftware Federation. Mrs J. Robinson ext. 7204. Cut off date 14.9.79.

FRANCE: Business Gifts Fair. April 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

BASLE: Swiss Industries Fair (8th European Watch, Clock, and Jewellery Fair). April 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

NEW YORK: International Jewellery Trade Show. July 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

CHICAGO: Gift Show. July/August 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

CHICAGO: RJA International Jewellery Trade Show. August 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

LOS ANGELES: Pacific Jewellery Show. August 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

NEW YORK: Gift Show. August 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

PARIS: Jewellery, Silverware, Clocks, Watches and Gifts Exhibition (Bijorcha). September 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

1981

PARIS: Jewellery, Silverware, Clocks, Watches and Gifts Exhibition. January 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

CHICAGO: Chicago Gift Show. February 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

NEW YORK: New York Gift Show. February 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7214. Cut off date not yet arranged.

NEW YORK: International Jewellery Trade Fair. February 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

FRANCE: Business Gifts Fair. April 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

BASLE: Swiss Industries Fair (8th European Watch, Clock and Jewellery Fair). April 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

Leather, leather goods and fur

1979

PARIS: International Leather Week. 8-11 September 1979. Joint ventures with:
British Leather Federation.
Skin, Hide and Leather Traders Association.
Miss H. Goldberg ext. 7205. Cut off date passed.

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1 OVERSEAS FAIRS AND SYMPOSIA
where BOTB support is planned or under consideration

OFFENBACH: International Leathergoods Fair. 11-14 October 1979. Joint venture with Export Council for the Jewellery and Giftware Federation. Miss J. D. Mooney ext. 7201. Cut off date passed.

1980

NEW YORK: International Fur Fair. 17-21 March 1980. Joint venture with Clothing Export Council. Miss L. E. Novell ext. 318. Cut off date passed.

NEW YORK: International Leather Goods Show. May 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

PARIS: International Leather Week. September 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

Motor vehicles, motor cycles and cycles

1979

FRANKFURT: International Motor Show. 13-23 September 1979. Joint venture with the Society of Motor Manufacturers and Traders Ltd. J. Irving ext. 690. Cut off date passed.

PARIS: International Motor Accessories (Equip Autol). 28 September-6 October 1979. Joint venture with Society of Motor Manufacturers and Traders. F. Sullivan ext. 7211. Cut off date passed.

SINGAPORE: 2nd Asian Automotive and Accessories Exhibition. 18-21 October 1979. Joint venture with Society of Motor Manufacturers and Traders. R. D. Chapman ext. 7097. Cut off date passed.

CHICAGO: Automotive Parts and Accessories Association Show (APAA). 30 October-1 November 1979. Joint venture with Society of Motor Manufacturers and Traders. I. MacLean ext. 7242. Cut off date passed.

TOKYO: Motor Show. 1-12 November 1979. Joint venture with Society of Motor Manufacturers and Traders. J. L. Ackroyd ext. 7317. Cut off date passed.

LAS VEGAS: Special Equipment Manufacturers Association. 14-16 November 1979. Joint venture with Society of Motor Manufacturers and Traders. I. MacLean ext. 7242. Cut off date passed.

MILAN: International Cycle and Motor Cycle Exhibition. 17-25 November 1979. Joint venture with CMCA Service Co Ltd. P. Crowe ext. 571. Cut off date passed.

1980

SALZBURG: International Trade Exhibition for Spares, Accessories, Tools, Workshop and Service Station Equipment (Autozum). 17-20 January 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date not yet arranged.

MONTREAL: International Auto Salon. January 1980. Joint venture with appropriate trade association. R. Grindley ext. 7242. Cut off date not yet arranged.

CINCINNATI: Motor Cycle and Accessory Trade Show. February 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

TORONTO: Automobile Show. February 1980. Joint venture with Society of Motor Manufacturers and Traders. I. MacLean ext. 7242. Cut off date not yet arranged.

NEW YORK: International Cycle Show. February 1980. Joint venture with CMCA Service Company Ltd. I. MacLean ext. 7242. Cut off date 10.8.79.

CHICAGO: Automobile Show. February 1980. Joint venture with appropriate trade association. R. Grindley ext. 7242. Cut off date not yet arranged.

DETROIT: Society of Automotive Engineers Expo and Congress. February/March 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

MALMO: Motor Show. 1-9 March 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date 20.9.79.

NEW YORK: Auto Expo. March-April 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

BELGRADE: International Motor Show. March/April 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

TURIN: International Motor Show. April/May 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 18.10.79.

LOS ANGELES: Imported Automobile Show. May 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

GENEVA: International Exhibition for the Vehicle Industry (Sitev). May 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

COLOGNE: International Bicycle and Motor Cycle Exhibition (IFMA). 19-23 September 1980. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date not yet arranged.

MILWAUKEE: Off-Highway Vehicle Equipment Exhibition. September 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

FRANKFURT: International Exhibition of Automobile Workshop and Garage Equipment (Automechanika). September 1980. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date not yet arranged.

PARIS: International Motor Exhibition. October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

LAS VEGAS: International Motorcycle After Market Exposition. October 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

CHICAGO: Automotive Parts and Accessories Association Show. November 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

1981

MALMO: Motor Show. March 1981. Joint venture with appropriate trade association. Miss W. Titley ext. 7207. Cut off date not yet arranged.

AMSTERDAM: International Trade Fair for Garage Equipment and Motor Car Parts (Autovak). March 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

GENEVA: International Exhibition for the Vehicle Industry (Sitev). May 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

Music and musical instruments

1980

CANNES: 14th International Record and Music Publishing Market (Midem). 18-24 January 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date 28.9.79.

CHICAGO: National Association of Music Merchants Show. June 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

1981

CANNES: 15th International Record and Music Publishing Market (Midem). January 1981. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

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Office machinery and equipment

1979

MUNICH: International Congress and Exhibition for Computer Systems and their Application (Systems). 17-21 September 1979. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date passed.

PARIS: 30th International Business Machines and Office Equipment (Sicob). 19-28 September 1979. Joint venture with Business Equipment Trade Association. Miss H. Goldberg ext. 7205. Cut off date passed.

1980

PARIS: International Business Machines and Office Equipment (Sicob). September 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

ZAGREB: International Office Machinery and Equipment Exhibition (Interbiro). 13-18 October 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

COLOGNE: International Office Trade Fair (Orgatechnik). 21-26 October 1980. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date 30.9.79.

CHICAGO: National Office Products Association Show. October 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

Packaging machinery and materials, including containers

1979

DUBLIN: Irish Packaging and Food Processing Equipment Exhibition. 25-28 September 1979. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

BAHRAIN: Middle East Materials Handling Show and Conference. 22-25 October 1979. Joint venture with Birmingham Engineering and Building Centre. G. M. Lyndsell ext. 7314. Cut off date passed.

GOTHENBURG: International Packaging Exhibition (Scanpack). 30 October-4 November 1979. Joint venture with Institute of Packaging. Miss W. J. Titley ext. 7207. Cut off date passed.

SINGAPORE: International Exhibition of Printing and Packaging–Machinery Exhibition (Printpac–Asia '79). 5-9 November 1979. Joint venture with British Printing Machinery Association. R. D. Chapman ext. 7097. Cut off date passed.

1980

JOHANNESBURG: International Materials Handling Exhibition. 1980. Joint venture with appropriate trade association. R. F. M. Impey ext. 602. Cut off date not yet arranged.

MELBOURNE: Pakprint '80 (Packaging and Printing Exhibition). 2-6 June 1980. Joint venture with British Printing Machinery Association. R. D. Chapman ext. 7097. Cut off date 10.9.79.

BASLE: International Packaging Exhibition (Swisspack). June 1980. Joint venture with appropriate trade association. Ms P. Norfield ext. 7092. Cut off date not yet arranged.

TOKYO: Tokyo Pack '80. September 1980. Joint venture with Institute of Packaging. J. Ackroyd ext. 7317. Cut off date not yet arranged.

CHICAGO: National Packaging Week. 27-31 October 1980. Joint venture with appropriate trade association. D. Malley ext. 265. Cut off date not yet arranged.

PARIS: 24th International Packaging Exhibition. November 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date 7.12.79.

1981

BARCELONA: Printing, Packaging and Canning Machinery Fair (Graphispack). March 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

DUSSELDORF: International Fair for Packaging Machines, Packing Materials, Confectionery Machines (Interpack). 14-20 May 1981. Joint venture with Institute of Packaging. Mrs C. Miller ext. 7203. Cut off date 1.11.79.

Photographic equipment

1979

PARIS: 34th International Photographic, Cinema and Optical Exhibition. 20-29 October 1979. Joint venture with Association of British Manufacturers of Photographic Cine and Audio Visual Equipment. F. Sullivan ext. 7211. Cut off date passed.

PARIS: International Exhibition of Cinema, Theatre and Convention Hall Equipment (Cisco). 22-26 October 1979. Joint venture with Association of British Manufacturers of Photographic Cine and Audio Visual Equipment. F. Sullivan ext. 7211. Cut off date passed.

1980

LAS VEGAS: Photo Marketing Association Convention. 27-30 March 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date 27.7.79.

BOSTON: National Microfilm Association Annual Convention and Exposition. May 1980. Joint venture with appropriate trade association. R. Grindley ext. 7242. Cut off date not yet arranged.

COLOGNE: World Fair of Photography (Photokina). 12-18 September 1980. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date 1.12.79.

PARIS: International Exhibition of Cinema, Theatre and Convention Hall Equipment (Cisco). October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

PARIS: International Photographic, Cinema and Optical Exhibition. October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

Pottery and Glassware

1980

ATLANTIC CITY: China and Glass Show. 6-10 January 1980. Joint venture with Export Council for the Jewellery and Giftware Federation. Mrs J. Robinson ext. 7204. Cut off date passed.

1981

ATLANTIC CITY: China and Glass Show. February 1981. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

Printing, stationery and printing machinery

1979

SINGAPORE: International Exhibition of Printing and Packaging – Machinery Exhibition (Printpac – Asia '79). 5-9 November 1979. Joint venture with British Printing Machinery Association. R. D. Chapman ext. 7097. Cut off date passed.

1980

ZAGREB: International Fair of Printing and Paper Industry (Intergrafika). March 1980. Joint venture with London Chamber of Commerce. Cut off date 17.9.79.

CHICAGO: 'Print' '80: International Graphic Arts Exposition. 12-19 April 1980. Joint venture with British Printing Machinery Association. D. J. Malley ext. 265. Cut off date passed.

NEW YORK: Stationery Show. May 1980. Joint venture with appropriate trade association. Mrs J. Robinson ext. 7204. Cut off date not yet arranged.

MELBOURNE: Pakprint '80 (Packaging and Printing Exhibition). 2-6 June 1980. Joint venture with British Printing Machinery Association. R. D. Chapman ext. 7097. Cut off date 10.9.79.

Scientific instruments and nuclear equipment

1979

MOSCOW: 'Britnauchpribor'. All British Exhibition and Seminar. 27 November-6 December 1979. Jointly sponsored with the Scientific Instrument Manufacturers Association. Mrs M. Suit ext. 7213. Cut off date passed.

PARIS: 7th International Exhibition of Measurement Control Regulation and Automation (Mesucora). 10-15 December 1979. Joint venture with SIRA Institute Ltd. Miss H. Goldberg ext. 7205. Cut off date passed.

1980

ZURICH: International Trade Fair for High Precision Techniques Dimensional Measurement and Control (Microtechnic). February 1980. Joint venture with appropriate trade association. Ms P. Norfield ext. 7092. Cut off date not yet arranged.

ATLANTIC CITY: Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy. 10-14 March 1980. Joint venture with Scientific Instrument Manufacturers Association. Miss M. Thorogood ext. 7094. Cut off date 6.10.79.

ANAHEIM: Federation of American Societies of Experimental Biology and Conference. 14-17 April 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date October 1979.

MUNICH: International Exhibition and Congress for Bio-Chemical and Instrumental Analysis (Analytica). 28 April-3 May 1980. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date not yet arranged.

DUSSELDORF: International Congress and Exhibition for Instrumentation and Automation (Interkama). 9-15 October 1980. Joint venture with Scientific Instrument Manufacturers Association. Mrs. C. Miller ext. 7203. Cut off date 1.10.79.

POZNAN: International Special Exhibition for Testing, Measurement, Automation and Electronics (Mezura '80). November 1980. Joint venture with appropriate trade association. B. G. Rice ext. 7246. Cut off date not yet arranged.

PARIS: International Laboratory Exhibition. November/December 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

1981

CLEVELAND: Pittsburg Conference on Analytical Chemistry and Applied Spectroscopy. March 1981. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

Ships and boats

1979

CHICAGO: Marine Trades Exhibition and Conference. 27-30 September 1979. Joint venture with Ship and Boat Builders National Federation. Miss L. E. Novell ext. 318. Cut off date passed.

RIO DE JANEIRO: Riomar (Marine Exhibition). 8-13 October 1979. Joint venture with British Marine Equipment Council. D. J. Malley ext. 265. Cut off date passed.

ANNAPOLIS: United States Sailboat Show. 10-14 October 1979. Joint venture with Ship and Boat Builders National Federation. Miss L. E. Novell ext. 318. Cut off date passed.

HAMBURG: EMTEC and International Boat Show. 18-28 October 1979. Joint venture with Ship and Boat Builders National Federation. Miss J. D. Mooney ext. 7201. Cut off date passed.

GENOA: International Boat Show. 13-22 October 1979. Joint venture with Ship and Boatbuilders National Federation. P. Crowe ext. 571. Cut off date passed.

COPENHAGEN: Boat Show. 10-18 November 1979. Joint venture with Ship and Boat Builders National Federation. Miss W. J. Titley ext. 7207. Cut off date passed.

AMSTERDAM: International Shipbuilding, Marine and Port Equipment Exhibition (Europort). November 1979. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

1980

DUSSELDORF: International Boat Show. 19-27 January 1980. Joint venture with Ship and Boat Builders National Federation. Miss W. J. Titley ext. 7202. Cut off date passed.

PARIS: International Pleasure Boat Exhibition. January 1980. Joint venture with Ship and Boat Builders National Federation. F. Sullivan ext. 7211. Cut off date passed.

GOTHENBURG: International Boat Show. 1-10 February 1980. Joint venture with appropriate trade association. Miss L. M. O'Brien ext. 7207. Cut off date 17.8.79.

OSLO: International Boat and Motor Show. 14-23 March 1980. Joint venture with appropriate trade association. Miss L. M. O'Brien ext. 7207. Cut off date not yet arranged.

AMSTERDAM: International Sail and Power Boat Show (Hiswa). March 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged

TOKYO: International Boat Show. March/April 1980. Joint venture with appropriate trade association. F. Sullivan ext. 360. Cut off date not yet arranged

ATHENS: International Shipping Exhibition (Posidonia). 5-10 June 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

HAMBURG: International Exhibition and Congress for Ship, Machinery and Marine Technology. 23-27 September 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged

CHICAGO: Marine Trades Exhibition and Conference. September 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged

HAMBURG: EMTEC and International Boat Show. 16-26 October 1980. Joint venture with appropriate trade association. Mrs J. Collings ext. 7201. Cut off date not yet arranged.

ANNAPOLIS: United States Sailboat Show. October 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged

GENOA: International Boat Show. October 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 1.3.80.

COPENHAGEN: Boat Show. November 1980. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged

AMSTERDAM: International Shipbuilding, Marine and Port Equipment Exhibition (Europort). November 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

1981

DUSSELDORF: International Boat Show. January 1981. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

PARIS: International Pleasure Boat Exhibition. January 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

OSLO: International Boat and Motor Show. March 1981. Joint venture with appropriate trade association. Miss W. J. Titley ext. 7207. Cut off date not yet arranged.

AMSTERDAM: International Sail and Power Boat Show (Hiswa). March 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged

OSLO: 8th International Shipping Exhibition (Norshipping '81). 11-16 May 1981. Joint venture with appropriate trade association. Miss W. Titley ext. 7207. Cut off date not yet arranged.

Sports goods and camping equipment, including caravans

1979

COLOGNE: International Trade Fair of Sports Goods, Camping Equipment and Garden Furniture (Spoga). 22-24 September 1979. Joint ventures with:
Leisure and Outdoor Furniture Association.
Camping Trade Association.
British Sports and Allied Industries Federation.
H. Johnson ext. 7045. Cut off date passed.

ESSEN: International Caravan Salon. 29 September-7 October 1979. Joint venture with National Caravan Council. Miss J. D. Mooney ext. 7201. Cut off date passed.

COLOGNE: International Exhibition of Sports Facilities and Bath Installations. 17-20 October 1979. Joint venture with Building Centre Group. H. M. Johnson ext. 7045. Cut off date passed.

AMSTERDAM: Caravan Exhibition. December 1979. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

1980

CHICAGO: National Sporting Goods Association Show. January 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged

SYDNEY: International Toy and Sporting Goods Fair. 9-12 March 1980. Joint venture with appropriate trade association. R. D. Chapman ext. 7097. Cut off date 31.8.79.

COLOGNE: International Trade Fair of Sports Goods, Camping Equipment and Garden Furniture (Spoga). September 1980. H. M. Johnson ext. 7045. Cut off date not yet arranged

1 OVERSEAS FAIRS AND SYMPOSIA
where BOTB support is planned or under consideration

AMSTERDAM: Caravan Exhibition. December 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

Textiles and textile machinery

1979

NEW YORK: All British Exhibition of Woollen Textiles. 14-16 August 1979. Joint venture with National Wool Textile Export Corporation. Miss L. E. Novell ext. 318. Cut off date passed.

ATLANTA: Bobbin Show. 11-14 September 1979. Joint venture with Clothing Institute. Miss M. Thorogood ext. 7094. Cut off date passed.

COLOGNE: International Fair of Clothing Manufacturing Machines (IMB). 26-30 September 1979. Joint ventures with:
Clothing Institute.
British Interlining Manufacturers Association.
Mrs C. Miller ext. 7203. Cut off date passed.

HANOVER: International Textile Machinery Exhibition (ITMA). 2-11 October 1979. Joint venture with British Textile Machinery Association. H. M. Johnson ext. 7045. Cut off date passed.

1980

FRANKFURT: International Trade Fair for Home Furnishing Textiles (Heimtextil). 9-13 January 1980. Joint ventures with:
National Wool Textile Export Corporation.
Irish Linen Guild.
Appropriate trade association.
Miss J. D. Mooney ext. 7201. Cut off date 31.7.79.

FRANKFURT: International Textiles for Clothing Exhibition (Interstoff). May 1980. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date not yet arranged.

ATLANTA: Bobbin Show. September 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

GREENVILLE, SOUTH CAROLINA: American Textile Machinery Exhibition International (ATME-1). 16-24 October 1980. Joint venture with British Textile Machinery Association. Miss M. Thorogood ext. 7094. Cut off date 16.4.80.

1981

FRANKFURT: International Trade Fair for Home Furnishing Textiles (Heimtextil). January 1981. Joint venture with appropriate trade association. Mrs J. Irving ext. 7201. Cut off date not yet arranged.

Toys and games

1979

TOKYO: International Toy Fair. 3-5 September 1979. Joint venture with British and Hobby Toy Manufacturers Association. J. L. Ackroyd ext. 7317. Cut off date passed.

1980

NEW YORK: American Toy Fair. February 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

NUREMBERG: International Toy Fair. February 1980. Joint venture with appropriate trade association. J. Irving ext. 690. Cut off date not yet arranged.

SYDNEY: International Toy and Sporting Goods Fair. 9-12 March 1980. Joint venture with appropriate trade association. R. D. Chapman ext. 7097. Cut off date 31.8.79.

NEW YORK: Proposed All-British Exhibition of Woollen Textiles. August 1980. Joint venture with appropriate trade association. Miss L. E. Novell ext. 318. Cut off date not yet arranged.

TOKYO: Japan International Toy Fair. September 1980. Joint venture with appropriate trade association. F. Sullivan ext. 360. Cut off date not yet arranged.

Watches and clocks

1980

BASLE: Swiss Industries Fair (8th European Watch, Clock and Jewellery Fair). April 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

1981

BASLE: Swiss Industries Fair (9th European Watch, Clock and Jewellery Fair. April 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

Water, effluent and air treatment plant, including anti-pollution, cleaning and refuse disposal equipment

1980

TOKYO: Anti-Pollution Exhibition (APEX). March 1980. Joint venture with appropriate trade association. F. Sullivan ext. 360. Cut off date not yet arranged.

DUSSELDORF: International Trade Fair for Industrial Cleaning and Works Hygiene (IGB). October 1980. Joint venture with British Electrical and Allied Manufacturers Association. Mrs C. Miller ext. 7203. Cut off date 18.1.80.

MILAN: Antipollution Exhibition. October/November 1980. Joint venture with appropriate trade association. P. Crowe ext. 571. Cut off date 30.3.80.

PARIS: International Industrial Cleaning and Waste Disposal Exhibition (Internet – Expo). December 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

PARIS: International Exhibition of Techniques for Control of Industrial and Urban Pollution (Pollutec). December 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

1981

AMSTERDAM: International Cleaning and Maintenance Exhibition (Interclean). May 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

Other specialised fairs

1979

ISTANBUL: International Mining Congress and Exhibition. 15-22 September 1979. Joint venture with Association of British Mining Equipment Exporters. Ms P. A. Norfield ext. 7092. Cut off date passed.

British Export Marketing Centre Tokyo

The British Overseas Trade Board considers that the Japanese market continues to offer new and exciting growth prospects for a wide range of British exports. For a single fee of £300 or whatever rate is applicable at the time of the exhibition firms can participate in official trade exhibitions being held in the British Export Marketing Centre, Tokyo, which was opened in September 1973. The board will provide free of charge the floor space and a shell stand and mount the exhibits. It will also arrange to ship all exhibits to Tokyo free of charge from a central point in Britain. Before each exhibition it will mount a major advertising and publicity campaign in Japan to attract potential customers. In addition, exhibiting firms will be able to claim £505 towards the cost of sending each of up to two representatives to man the stands during the exhibition. The centre is available to British companies, or their agents, wishing to mount individual product exhibitions for a charge of approx. £122 a day. It is also available to companies wishing to hold seminars and conferences and there are facilities for audio-visual presentations and catering and simultaneous interpretation. A charge of approx. £12 an hour will be made. Further information on the centre and its facilities can be obtained from Fairs and Promotions Branch (01-248 5757 ext. 663/7317/360).

The programme of exhibitions for the remainder of 1980 is now under consideration and information may be obtained from the Board's Export to Japan Unit (01-248 5757 ext. 614/232).

Official British trade Exhibitions May 1979 to May 1980

Furniture Exhibition. 15-19 May 1979. Sponsored by BFM Exports. (J. Diab, 01-724 0857/). FPB contact F. Sullivan ext. 360. Cut off date passed.

Construction Equipment and Materials Exhibition. 29 May-2 June 1979. Sponsored by the Building Centre Group (D. Clayton, 01-637 1022). FPB contact F. Sillivan ext. 360. Cut off date passed.

Household Textiles Exhibition. 12-16 June 1979. Sponsored by Household Textiles Association, FPB contact J. L. Ackroyd ext. 7317. Cut off date passed.

Outdoor Leisure Exhibition. 24-28 July 1979. Sponsored by the Camping Trades Association (R. Saunders, Ruislip (71) 34191). FPB contact F. Sullivan ext. 360.Cut off date passed.

Housewares and Giftware Exhibition. 4-8 September 1979. Sponsored by the Hardware Manufacturers Association (Frank Whittle, 02403 21431). FPB contact J. L. Ackroyd ext. 7317. Cut off date passed.

Ladies Fabrics and Accessories. 18-22 September 1979. Sponsored by the National Wool Textile Export Corporation (G. Richardson, 0274 24235). FPB contact F. Sullivan ext. 360. Cut off date passed.

Do-it-Yourself and Hobbycraft Equipment Exhibition. 13-17 November 1979. Sponsored by the Birmingham Engineering and Building Centre (D. Perkins, 021-643 1914). FPB contact F. Sullivan ext. 360. Cut off date passed.

Knitwear Exhibition. 16-18 January 1980. Sponsored by the British Knitwear Export Council (Mrs J. Broughton, 734 6277). FPB contact F. Sullivan ext. 360. Cut off date passed.

New Fashion from Britain Exhibition. 21-23 January 1980. Sponsored by Clothing Export Council (T. G. Boon, 734 9744). FPB contact F. Sullivan ext. 360. Cut off date passed.

Medical Equipment Exhibition. 29 January-2 February 1980. Sponsored by British Health-Care Export Council (J. Harris, 580 7912). FPB contact J. L. Ackroyd ext. 7317. Cut off date passed.

Carpets Exhibition (Provisional). 25-29 March 1980. Sponsored by British Carpet Manufacturers Association (G. H. Davidson, 01-839 2145). FPB contact F. Sullivan ext. 360. Cut off date not yet arranged.

Energy Saving Exhibition (Provisional). April 1980. FPB contact J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

Photographic and Audio-Visual (Provisional). 20-24 May 1980. Sponsored by Association of British Manufacturers of Photographic Cine and Studio Visual Equipment (R. Saunders 893 33372). FPB contact J. L. Ackroyd ext. 7317. Cut off date not yet arranged.

PARIS: Europrotection. 18-21 September 1979. Joint venture with London Chamber of Commerce. F. Sullivan ext. 7211. Cut off date passed.

MONTE CARLO: Home Sewing, Knitting and Needlecraft Industries Exhibition (Intersew). 12-16 October 1979. Joint venture with British Home Sewing and Needlecrafts Council. F. Sullivan ext. 7211. Cut off date passed.

UTRECHT: International Security Exhibition (Security). 15-19 October 1979. Joint venture with London Chamber of Commerce. P. Crowe ext. 571. Cut off date passed.

BOSTON: Inter Glass Metal. 19-21 October 1979. Joint venture with Glass Manufactureres Federation. Miss M. Thorogood ext. 7094. Cut off date passed.

TORONTO: Annual Convention and Exhibition of the Wire Association of America. 21-25 October 1979. Joint venture with International Wire and Machinery Association. Miss M. Thorogood ext. 7094. Cut off date passed.

DUSSELDORF: Industrial Safety and Factory Hygiene Exhibition and Congress. 13-16 November 1979. Joint venture with London Chamber of Commerce. Mrs C. Miller ext. 7203. Cut off date passed.

NEW ORLEANS: IAAPA Outdoor Amusement and Souvenir Novelty Exposition. 17-19 November 1979. Joint venture with British Amusement Catering Trades Association. I. MacLean ext. 7242. Cut off date passed.

BRUSSELS: International Market for European Sub-Contracting (Midest). 26-30 November 1979. Joint venture with Birmingham Chamber of Industry and Commerce. Miss H. Goldberg ext. 7205. Cut off date passed.

1980

DUBLIN: International Education and Training Exhibition and Conference (ETEX). 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

NEW ORLEANS: International Diving Symposium and Exhibition. 4-6 February 1980. Joint venture with appropriate trade association. D. Malley ext. 265. Cut off date not yet arranged.

BASLE: International Powder Technology and Bulk Solids Exhibition and Conference (Powtech). 5-8 March 1980. Joint venture with Process Plant Association. Ms P. A. Norfield ext. 7092. Cut off date passed.

UTRECHT: VAT Subcontractors Exhibition. 10-15 March 1980. Joint venture with Birmingham Chamber of Industry and Commerce. P. Crowe ext. 571. Cut off date 12.9.79.

BAHRAIN: Middle East Education Training and Sports Equipment Show. 16-20 March 1980. Joint ventures with:
British Educational Equipment Association.
Industrial Council on Educational and Training Technology.
G. M. Lyndsell ext.7314. Cut off date 27.7.79.

USA: American Ceramic Society Meeting. April 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

WIESBADEN: International Trade Fair for Pet Supplies (Interzoo). 2-4 May 1980. Joint venture with appropriate trade association. Miss J. D. Mooney ext. 7201. Cut off date not yet arranged.

CHICAGO: American Coal Show. 5-8 May 1980. Joint venture with Association of British Mining Equipment Exporters. D. J. Malley ext. 265. Cut off date 3.9.79.

COPENHAGEN: 9th World Fishing Exhibition. 2-9 June 1980. Joint venture with Westminster Chamber of Commerce. Miss W. J. Titley ext. 7207. Cut off date 1.10.79.

SINGAPORE: International Education Exhibition (Educare '80). 9-13 June 1980. Joint venture with appropriate trade association. R. D. Chapman ext. 7097. Cut off date not yet arranged.

BASLE: International Art Fair. June 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

BASLE: 'Eurotunnel'. 16-20 September 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

PARIS: Europrotection. September 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

LOUISVILLE: International Woodworking Machinery and Furniture Supply Fair. 13-17 September 1980. Joint ventures with:
The Machine Tools Trade Association.
The Birmingham Chamber of Industry and Commerce.
J. M. Milne ext. 7094. Cut off date 3.8.79.

MIAMI BEACH: International Association of Firechiefs Annual Conference. September 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

DUSSELDORF: 6th International Fair for Industry, Trade and Handicraft (GLAS). September/October 1980. Joint venture with appropriate trade association. H. M. Johnson ext. 7045. Cut off date not yet arranged.

BASLE: 'Inter-index'. 14-17 October 1980. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

TORONTO: Materials Handling and Distribution '80. October 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

KORTRIJK: International Biennial of Interior Design (Interior '80). October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

DUSSELDORF: International Trade Fair for Industrial Cleaning and Works Hygiene (IGB). October 1980. Joint venture with British Electrical and Allied Manufacturers Association. Mrs C. Miller ext. 7203. Cut off date 18.1.80.

PARIS: International Antiques and Works of Art Exhibition. October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

MONTE CARLO: Home Sewing, Knitting and Needlecraft Industries Exhibition (Intersew). October 1980. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

USA: Annual Convention and Exhibition of the Wire Association of America. October 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

BOSTON: Interglass Metal. October 1980. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

PARIS: International Market for European Sub-Contracting (Midest). November 1980. Joint venture with appropriate trade association. Miss H. Goldberg ext. 7205. Cut off date not yet arranged.

NEW ORLEANS: IAAPA Outdoor Amusements and Souvenir Novelty Expo. November 1980. Joint venture with appropriate trade association. I. MacLean ext. 7242. Cut off date not yet arranged.

1981

ZURICH: International Aircraft Maintenance Engineering Exhibition and Conference. 10-13 February 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

USA: World Fair for Technology. February/March 1981. Joint venture with appropriate trade association. Miss M. Thorogood ext. 7094. Cut off date not yet arranged.

BASLE: European Educational Materials Exhibition (Didacta). March 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

PARIS: Expozoo. May 1981. Joint venture with appropriate trade association. F. Sullivan ext. 7211. Cut off date not yet arranged.

DUSSELDORF: International Mining Exhibition and Congress (Bergbau). 11-17 June 1981. Joint venture with appropriate trade association. Mrs C. Miller ext. 7203. Cut off date not yet arranged.

BASLE: International Art Fair. June 1981. Joint venture with appropriate trade association. Ms P. A. Norfield ext. 7092. Cut off date not yet arranged.

2 STORE PROMOTIONS

Where BOTB support is planned or under consideration

BOTB contact for all Store Promotions: Miss C. Worley, tel. 01-248 5757 ext. 7090 or ext. 7183.

COPENHAGEN: 6-11 August 1979. Favor (Lund and Rasmussen A/S). Food Promotion. Mr P. Erichsen, Dagros I/S, Gammelager 13, 2600 Glostrup, telex 19758.

BRUSSELS and other cities; 7 September-2 October 1979. (22 Stores). GB-INNO-BM. Mr. G. Rogers, Portman (Wholesale and Overseas) Ltd, 40 Duke Street, London W1M 6AL, tel. 01-629 8805.

PARIS and other cities: 19 September-17 October 1979. Au Printemps Sp (31 Stores). Mr G Rogers. Portman (Wholesale and Overseas) Ltd, 40 Duke Street, London W1M 6AL, tel. 01-629 8805.

TOKYO and other cities: 9 October 1979 (2 weeks). Mitsukoshi Department Store Promotion. Mr M Kumada. Mitsukoshi (UK) Ltd, 14-20 Lower Regent Street, London SW1, tel. 01-839 6714.

NANTES, FRANCE: 10-27 October 1979. Grands Magasins Decre. M. J. P. Decre, BP 132. 44024. Nantes Cedex. Telex 71169.

DALLAS, TEXAS: 15-27 October 1979. Neiman-Marcus. Contact Mr F Jackson. Gimbel Brothers, Elsley House, 24-30 Great Titchfield Street, London W1P 8EP, tel. 01-637 3931.

NEW YORK: October 1979. Barney's Clothes Inc. (Predominantly clothing promotion). 7th Avenue, New York 10011.

TOKYO: 15-19 November 1979. Food Promotion. Isetan Department Store. UK Buying House. Mr D. Dean, Dean Warburg Ltd, 38 Savile Row, London W1X 2ET, tel. 01-734 9421.

OSAKA: 16-21 November 1979. Hankyu Department Stores Inc. Mrs J. English, Booker Merchants International Ltd., The Adelphi, John Adam Street, London WC2N 6BD, tel. 01-930 4041.

MADRID: and other cities. November 1979. (12 stores). El Corte Ingles. Iberica Trading Co Ltd, 23/25 Eastcastle Street, London W1N 7PB, tel. 01-580 6434.

MELBOURNE: 4-16 February 1980. Buckley and Nunn Ltd. Mr G. Rogers. Portman (Wholesale and Overseas) Ltd, 40 Duke Street, London W1M 6AL, tel. 01-629 8805.

GENEVA: May 1980 (2 weeks). CO-OP Geneva. (51 stores) (Food Promotion). Chemin Voie Creuse 16, Geneva. (Purchasing Director: Armin Michel).

UK businessmen going overseas

British businessmen intending to travel overseas are urged in their own interests to make the earliest possible contact, before going abroad, with the Export Services and Promotions Division of the Department of Trade (at the appropriate regional office for firms outside London, and Export House, 50 Ludgate Hill, London EC4M 7HU for firms in London and south-east England). The department, in co-operation with commercial officers at embassies, high commissions and consulates overseas, is in a position to provide advice when it is required, and to help, where appropriate, in making trade contacts related to the purpose of the visit. Even where a businessman does not require specific assistance it is valuable for him to meet the commercial officers to get up-to-date information about the market. The Department of Trade would therefore welcome receiving notification of any businessmen intending to travel overseas.

To enable the overseas commercial officers to be of the greatest assistance to UK visitors the department needs to be able to brief the overseas officers as fully as possible.

3

MISSIONS

Where BOTB support is planned or under consideration

INWARD MISSIONS

Overseas visitors bureau contact for general enquiries relating to inward missions: S. H. Moger, 01-248 5757 ext. 463.

UNDER CONSIDERATION

Hong Kong, July 1979: Hospital Equipment. British Health-Care Export Council (J. Harris 01-580 7912/5).

South America, July 1979: Brewery Equipment. Allied Brewery Traders Association (J. Ingoldby 01-691 3950).

Global, September 1979: Editors to Interbuild. Building Materials Export Group (Miss J. Buchanan 01-486 1951).

Holland, September 1979: Garden Equipment and Accessories. Sponsor to be decided (BOTB contact D. Mahoney 01-248 5757, ext. 659).

USSR, September 1979: Offshore Europe '79 Exhibition. Council of British Manufacturers of Petroleum Equipment (BOTB contact S H. Moger 01-248 5757 ext. 463).

Global, September 1979: Naval Communications, Royal Navy Equipment Exhibition. Ministry of Defence (D. Packer 01-632 4857).

Global, September 1979: Pre-Pakex Seminar. Institute of Packaging (K. E. Reading 021-705 6707).

Netherlands, September 1979: Processed Foods. British Food Export Council (P. C. Platten 01-480 6594/5).

Global, September 1979: Editors (Men's and Boys' Wear) Menswear Association of Britain (Miss J. Granlund 01-437 1622).

Global, September 1979: Industrial Weighing Force Measurement Seminar. Institute of Measurement and Control (K. Chatters 0732 50755).

China, September 1979: Offshore Europe '79 Exhibition. Association of British Oceanic Industries (BOTB contact S. H. Moger 01-248 5757 ext. 463).

Global, September 1979: Royal Navy Equipment Exhibition. Ministry of Defence (Lt. Col. P. S. D. Griffen 01-218 0395).

Latin America, September 1979: Offshore Europe Exhibition. Association of British Oceanic Industries (BOTB contact S. H. Moger 01-248 5757 ext. 463).

New Zealand, September 1979: Book Publishing. Book Development Council (Shelley Roberts 01-580 6321).

Global, September 1979: Royal Navy Equipment Exhibition. Defence Manufacturers Association (B. Dove 0483 35355).

USA, September 1979: Mining Equipment. Association of British Mining Equipment Companies (R Buckley 0742 21071).

Australia, September/October 1979. Book Publishing. Book Development Council (Shelley Roberts 01-580 6321).

Morocco, September 1979. Livestock and Farming Equipment. Sponsor to be decided (BOTB contact D. Mahoney 01-248 5757 ext. 659).

Venezuela, September/October 1979. Building Materials. Building Centre (D. Clayton 01-637 1022).

Global, September/October 1979. Racalex '79 – Army Communications. Ministry of Defence (Lt. Col. C. H. Palmer 01-632 4860).

Global, September/October 1979. Journalists to ISLE '79. British Sports and Allied Industries Federation (S. Hicks 01-437 7281).

Global, October 1979: Journalists prior to Brewex '80. Allied Brewery Traders Association (J. Ingoldby 01-691 3950).

West Germany, October 1979: Hand Tools. Federation of British Hand Tool Manufacturers (W. R. Eccles 0742 663084).

West Germany, October 1979: Samples Display. Association of Manufacturers of Domestic Electrical Appliances (K. M. Hendley 0582 411001).

Global, October 1979: GLEE '79 – Journalists. Leisure and Outdoor Furniture Association (L. G. Walker 01-405 9292).

Italy, October 1979: Seed Potatoes. Potato Marketing Board (A. A. Sinclair 031-225 1466).

Global, October 1979: Journalists to IPEX '80. British Printing Machinery Association (D. King 021-705 6707).

West Germany, November 1979: International Furniture Exhibition '79. British Furniture Manufacturers Federated Associations (J. Diab 01-724 0857/8).

Kuwait, November 1979: Building Materials. The Building Centre (D. Clayton 01-637 1022).

1980

June 1980: British Army Equipment Exhibition. Defence Manufacturers Association (B. Dove 0483 35355).

DATES TO BE AGREED

Japan: Electronic Components. Electronic Components Industry Federation (W. Barratt 01-437 4127).

West Germany: Packaging Material and Equipment. Sponsor to be decided (BOTB contact D. Mahoney 01-248 5757 ext. 659).

Austria: Machine Tools. Machine Tools Trade Association (H. E. Wallace 01-402 6672).

France: Inner City Rehabilitation (BOTB contact D. E. Muir 01-248 5757 ext. 379).

Brazil: Horse Racing Equipment. The Jockey Club (BOTB contact D. E. Muir 01-248 5757 ext. 379).

Iraq: Fire Fighting Equipment. Council of British Fire Protection Equipment Manufacturers (E. G. Stanley 01-353 5282).

Switzerland: Nuclear Medicine. British Overseas Trade Board (BOTB contact P. Pennell-Buck 01-248 5757 ext. 361).

Spain: Computer Software. Sponsor to be decided (BOTB contact D. E. Muir 01-248 5757 ext. 379).

Nigeria: Plastics. British Plastics Federation (Miss F. Munro 01-235 9483).

Mexico: Finance and Banking. Committee on Invisible Exports (Miss G. Murdoch 01-626 3161).

Trinidad: Finance and Banking. Committee on Invisible Exports (Miss G. Murdoch 01-626 3161).

Argentina: General Agricultural Equipment (BOTB contact P. Pennell-Buck 01-248 5757 ext. 361).

New Zealand: Hospital Equipment. British Health-Care Export Council (J. Harris 01-580 7912/5).

West Germany: Security Systems. Sponsor to be decided (BOTB contact C. Logier 01-248 5757 ext 680).

West Germany: Computer Software. The Computer Services Association (BOTB contact D. E. Muir 01-248 5757 ext. 379).

Global: British Hospital and Medical Equipment Exhibition. Sponsor to be decided (BOTB contact D. E. Muir 01-248 5757 ext. 379).

Hong Kong: Medical Equipment. British Health-Care Export Council (J. Harris 01-580 7912/5).

Romania: Mining Equipment. Association of British Mining Equipment Companies (R. Buckley 0742 21071).

Norway: Mining Equipment. Association of British Mining Equipment Companies (R. Buckley 0742 21071).

Greece: Computer Software. Computer Services Association (A. A. Benjamin 01-405 2171).

West Germany: Finance and Banking. Committee on Invisible Exports (Miss G. Murdoch 01-628 3161).

Venezuela: Food Processing Machinery. Sponsor to be decided (BOTB contact D. Mahoney 01-248 5757 ext. 659).

Denmark: Footwear. British Footwear Manufacturers Federation (P. Cowling 01-437 5574).

OUTWARD MISSIONS

Africa

1979

South Africa 18 August-1 September 1979. Manchester Chamber of Commerce. D. Arrondale, 061-832 5574. FPB contact M. A. Smith ext. 7104. Cut off date passed.

South Africa 21 September-5 October 1979. Birmingham Chamber of Industry and Commerce. (G. Ashmore, 021-454 6171). FPB contact M. A. Smith ext. 7104. Cut off date passed.

Nigeria 6-20 October 1979. Birmingham Engineering and Building Centre. (D. Perkins, 021-643 1914). FPB contact M. A. Smith ext. 7104. Cut off date passed.

South Africa 6-20 October 1979. Dundee Chamber of Commerce. (H. Terrell, Dundee 22122). FPB contact M. A. Smith ext. 7104. Cut off date passed.

South Africa 14-27 October 1979. British Ceramic Plant and Machinery Association. (C. J. Hench, Sudbury-on-Thames 83280). FPB contact M. A. Smith ext. 7104. Cut off date passed.

Kenya Tanzania 2-16 November 1979. Leicester and County Chamber of Commerce. A. M. Green, Leicester 27171). FPB contact M. A. Smith ext. 7104. Cut off date passed.

Nigeria 3-16 November 1979. Bradford Chamber of Commerce. (M. A. Sewell, Bradford 28166). FPB contact M. A. Smith ext. 7104. Cut off date passed.

South Africa 3-18 November 1979. Engineering Industries Association. (Miss A. Small, 01-222 2367). FPB contact M. A. Smith ext. 7104. Cut off date passed.

Ivory Coast Senegal 20-28 November 1979. British Consultants Bureau. (J. A. Stevens, 01-222 3651). FPB contact M. A. Smith ext. 7104. Cut off date passed.

Kenya South Africa 25 November-7 December 1979. Gauge and Toolmakers Association. (T. E. Williams High Wycombe 44649). FPB contact M. A. Smith ext. 7104. Cut off date passed.

1980

South Africa 26 January-10 February 1980. Engineering Industries Association (Miss A. Small, 01-222 2367). FPB contact M. A. Smith ext. 7104. Cut off date 26.9.79.

South Africa 10-23 February 1980. Bristol Chamber of Commerce (Mrs B. Childs, Bristol 37081). FPB contact M. A. Smith ext. 7104. Cut off date 10.10.79.

South Africa 24 February-8 March 1980. Northern Ireland Chamber of Commerce (B. Chalmers, Belfast 34488). FPB contact M. A. Smith ext. 7104. Cut off date 24.10.79.

South Africa 9-22 March 1980. London Chamber of Commerce (E. Hudepohl, 01-248 4444). FPB contact M. A. Smith ext. 7104. Cut off date 9.11.79.

South Africa 16-29 March 1980. Worcester Chamber of Commerce (R. S. Prior, Worcester 23910). FPB contact M. A. Smith ext. 7104. Cut off date 16.11.79.

South Africa 12-30 April 1980. Scottish Council (D. S. Reid, 031 225 7911). FPB contact M. A. Smith ext. 7104. Cut off date 12.12.79.

South Africa 27 April-10 May 1980. Publishers Association (M. Rowland 01-580 6321). FPB contact M. A. Smith ext. 7104. Cut off date 28.12.79.

South Africa 18-30 May 1980. Nottinghamshire Chamber of Commerce (R. G. Walton, Nottingham 45678). FPB contact M. A. Smith ext. 7014. Cut off date 18.1.80.

South Africa 25 May-7 June 1980. Federation of Sussex Industries (Mrs N. Potter, Brighton 26282). FPB contact M. A. Smith ext. 7104. Cut off date 25.1.80.

South Africa 13-25 June 1980. British Stationery and Office Products Federation (J. Mills 01-580 9256). FPB contact M. A. Smith ext. 7104. Cut off date 13.2.80.

Nigeria 13-23 January 1980. Scottish Council (Miss M. Bell, 031-225 7911). FPB contact M. A. Smith ext. 7104. Cut off date 13.9.79.

Nigeria 3-15 February 1980. Birmingham Chamber of Commerce (T. Edgar 021-454 6171). FPB contact M. A. Smith ext. 7104. Cut off date 3.10.79.

UNDER CONSIDERATION

1980

Nigeria, Ghana 24 February/3 March 1980. Northern Ireland Chamber of Commerce (B. Chalmers, Belfast 34488). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Nigeria, Kenya 16 March-3 April 1980. British Plastics Federation (Miss F. Munro, 01-235 9483). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Liberia, Ghana, Ivory Coast, Nigeria April 1980. Agricultural Engineers Association (D. G. O'Neill, 01-828 7973). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Nigeria 4-17 May 1980. North of England Development Council (A. Wilson, Stockton-on-Tees, 612525). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Nigeria, Ghana 25 May/13 June 1980. Society of Motor Manufacturers and Traders (K. Wallis, 01-235 7000). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Ghana May 1980. British Agricultural Export Council (R. Whitcombe 01-245 9819). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Nigeria, Ghana June/July 1980. Cardiff Chamber of Commerce (R. C. Smale, Cardiff 21648). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Kenya, Malawi, Tanzania 28 January-15 February 1980. British Agricultural Export Council (R. Whitcombe 01-245 9819). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Kenya 9-15 March 1980. North of England Development Council (A. Wilson, Stockton-on-Tees 612525). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Tanzania, Kenya 27 April/9 May 1980. Cardiff Chamber of Commerce (R. C. Smale, Cardiff 21648). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Kenya, Malawi June 1980. Agricultural Engineers Association (D. G. O'Neill, 01-828 7973). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Cameroon, Ivory Coast February 1980. London Chamber of Commerce (E. Hudepohl, 01248 4444). FPB contact M. A. Smith ext. 7104. Cut off date not yet arranged.

Americas, including the Caribbean

1979

USA Canada 22-31 August 1979. Briar Pipe Trade Association. (L. A. Chapuis, 01-606 9121). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Trinidad 3-8 September 1979. Coventry Chamber of Commerce. (A. Durham, Coventry 51777). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Caribbean 3-14 September 1979. West India Committee. (Mrs J. Turner, 01-629 6353). FPB contact J. C. Saunders ext. 214. Cut off date passed.

USA (New York) 4-14 September 1979. London Chamber of Commerce and Industry. (J. D. MacGregor, 01-248 4444). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Canada USA 15-25 September 1979. British Ceramic Manufacturers Federation. (N. Nelson, Stoke-on-Trent 48631). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA Canada 15-30 September 1979. Mastercraftsmens Association and Retail Export Group. (C. T. Gallaway, 01-657 3358). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Canada 16-20 September 1979. Scottish Development Agency. (W. R. V. Percy, 031-343 1911). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 22.6.79.

USA 22 September-6 October 1979. Walsall Chamber of Commerce and Industry. (N. E. Turner, Walsall 25671/2). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA Canada 22 September-6 October 1979. Glasgow Chamber of Commerce. (M. Neil, 041-204 2121). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA 22 September-6 October 1979. Allied Brewery Trades Association. (J. A. Ingoldby, 01-691 3950). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA Canada 24 September-5 October 1979. Irish Linen Merchants Association. (F. O. L. Seccombe, Lisburn 77377). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Venezuela Ecuador 29 September-13 October 1979.- Birmingham Chamber of Industry and Commerce. (T. A. Jackson, 021-454 6171). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Chile 30 September-3 October 1979. British Metalworking Plant Makers Association. (M.C.G. Man, 01-248 1543). (FPB contact J. C. Saunders ext. 214). Cut off date passed.

USA 30 September-30 October 1979. British Iron Founders Association. (M. Milroy, 01-930 0461). (FPB contact J. C. Saunders ext. 214). Cut off date passed.

Canada USA 1-12 October 1979. Canada/UK Chamber of Commerce. (Mrs M. Breem, 01-930 2794). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Chile Argentina 20 October-2 November 1979. Birmingham Chamber of Industry and Commerce. (T. A. Jackson, 021-454 6171). FPB contact J. C. Saunders ext. 214. Cut off date passed.

USA 22 October-2 November 1979. Manchester Chamber of Commerce. (E. Tomlinson, 061-832 5574). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA (Atlanta) 27 October-3 November 1979. North of England Development Council. (M. E. Bath, Stockton-on-Tees 612525). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA 1-18 November 1979. Music Publishers Association. (J. D. Josephson, 01-580 3399). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Venezuela Chile 1-16 November 1979. British Agricultural Export Council. (D. J. Knapman, 01-245 9819). FPB contact J. C. Saunders ext. 214. Cut off date passed.

USA 3-17 November 1979. Birmingham Engineering and Building Centre. (D. W. Perkins, 021-643 1914). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Argentina 3-18 November 1979. Publishers Association. (M. L. Rowland, 01-580 6321). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Colombia Ecuador 3-23 November 1979. London Chamber of Commerce. (M. Worsley, 01-248 4444). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Canada 5-9 November 1979. British Carpet Manufacturers Association. (G. H. Davidson, 01-839 2145). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Mexico 9-17 November 1979. Scottish Council Development and Industry. (J. A. Anderson, 031-225 7911). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Canada 10-19 November 1979. Agricultural Engineers Association. (R. Wilson, 01-828 7973). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

USA 11-15 November 1979. British Pest Control Association. (C. J. Keeble, 01-582 8268). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Canada (Toronto) 19-29 November 1979. London Chamber of Commerce and Industry. (J. D. MacGregor, 01-248 4444). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date passed.

Venezuela 20-28 November 1979. British Health-Care Export Council. (J. Harris, 01-580 7912/5). FPB contact J. C. Saunders ext. 214. Cut off date passed.

Mexico 20-28 November 1979. Clothing Export Council. (June Barker, 01-734 9744). FPB contact J. C. Saunders ext. 214. Cut off date passed.

1980

USA, Canada 4-12 January 1980. British Ceramic Manufacturers Federation (N. Nelson, Stoke-on-Trent 48631). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 4.9.79.

USA 2-9 February 1980. Birmingham Chamber of Commerce of Industry and Commerce (B. Caines, 021-454 6171). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 2.10.79.

Mexico 1-14 March 1980. Glasgow Chamber of Commerce. (A. A. Duncan, 041-204 2121). FPB contact J. C. Saunders ext. 214. Cut off date 30.11.79.

USA 3-17 March 1980. The Leather Institute (E. W. Cox, 01-407 1582). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 3.11.79.

Mexico 5-10 May 1980. Coventry Chamber of Commerce. (A. Durham, Coventry 51777). FPB contact J. C. Saunders ext. 214. Cut off date 4.1.80.

Mexico 16-23 May 1980. Leicester and County Chamber of Commerce. (H. J. Milliard, Leicester 27171). FPB contact J. C. Saunders ext. 214. Cut off date 16.1.80.

UNDER CONSIDERATION

1980

Brazil, Venezuela, Mexico 15-31 January 1980. Association of British Manufacturers of Photographic, Cine and Audio Visual Equipment (R. Saunders, Ruislip 34515). FPB contact J. C. Saunders ext. 214. Cut off date 14.9.79.

USA 24-30 January 1980. Scottish Development Agency (W. R. V. Percy, 031-343 1911). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 24.9.79.

Trinidad, Venezuela, Colombia 28 January-15 February 1980. South Bucks and East Berks Chamber of Commerce (Mrs D. J. Phillips, Slough 33633). FPB contact J. C. Saunders ext. 214. Cut off date 28.9.79.

USA 3-14 March 1980. Society of Motor Manufacturers and Traders (K. Wallis, 01-235 7000). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 5.11.79.

USA February-March 1980. Manchester Chamber of Commerce (E. Tomlinson, 061-832 5574). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

USA 21-29 February 1980. Scottish Development Agency (W. R. V.Percy, 031-343 1911). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 22.10.79.

USA (Los Angeles) 19 January-2 February 1980. London Chamber of Commerce and Industry (J. D. Nowson, 01-248 4444). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 19.9.79.

Mexico 1-14 March 1980. Glasgow Chamber of Commerce (A. A. Duncan, 041-204 2121). FPB contact J. C. Saunders ext. 214). Cut off date 30.11.79.

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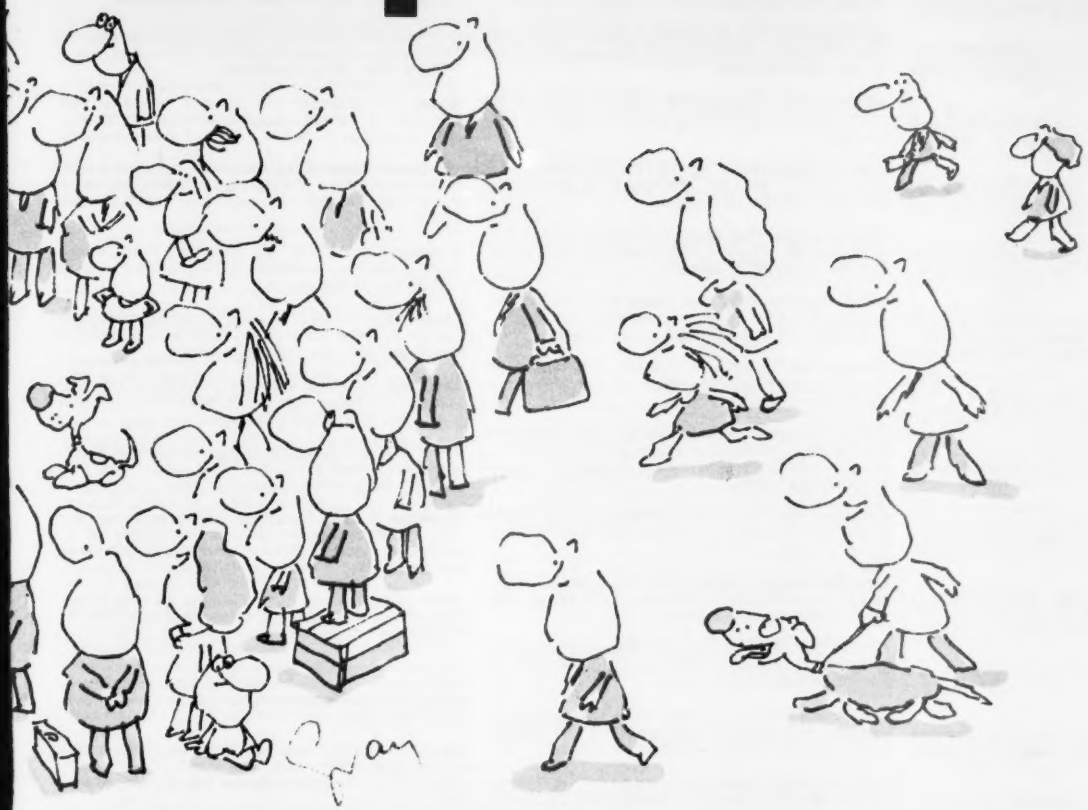


United Kingdom Exhibitions

1979

International Carpet Fair
Harrogate Sept 4-7

MAB (International Menswear Fair)
London Sept 16-19

Homes Exhibition '79
Birmingham Sept 20-Oct 6

International Welding, Cutting and Metal Fabrication Exhibition
Birmingham Sept 24-28

Electronic Measuring Instruments Exhibition
Coventry Oct 2-4 London Oct 9-11
Bristol Oct 23-25

Electronics '79 (Electronic Components Industry Fair)
London Nov 20-23

1980

Hotelympia '80 (International Hotel & Catering Exhibition)
London Jan 23-30

Imbex '80 (International Men's and Boys' Wear Exhibition)
London Feb 17-21

IEA '80 (International Instruments, Electronics and Automation Exhibition)
Birmingham Feb 25-29

Iphex '80 (International Pneumatics and Hydraulics Exhibition) Incorporating Compressors and Transmission Equipment
Birmingham Feb 25-29

Brewex '80 (International Brewing, Bottling, and Allied Trades Exhibition)
Birmingham March 17-21

Pakex '80 (International Packaging Exhibition)
Birmingham March 17-21

Communications '80 (Communication Equipment and Systems Exhibition)
Birmingham April 15-18

Hevac '80 (International Heating, Ventilating and Air Conditioning Exhibition)
Birmingham May 19-23

International Materials Handling Exhibition
Birmingham June 2-7

Opportunities '80 (International Job Fair)
London June 14-22

World Wine Fair
Bristol July

International Carpet Fair
Harrogate Sept 2-5

Ipex '80 (International Printing Machinery and Allied Trades Exhibitions)
Birmingham Sept 11-19

MAB (International Menswear Fair)
London Sept 14-17

Overseas Exhibitions

1979

International Exhibitors Congress & Exhibition
Monte Carlo Sept 18-20

Municipal Services & Equipment Exhibition
Sharjah Nov 3-8

1980

Laundrex '80 (International Laundry & Dry Cleaning Exhibition)
Singapore Jan 30-Feb 2

Photo '80 (World Photographic Congress & Exhibition)
Singapore March 15-21

Rubberplas '80 (International Rubber & Plastics Exhibition)
Singapore May 26-30

World Fishing Exhibition
Copenhagen June 2-8

International Primary Food Processing, Brewing and Baking Exhibition
Singapore June 23-27

Kor-Marine '80 (International Shipbuilding, Marine Equipment, Ports and Harbours Exhibition)
Korea July 28-Aug 4

3 MISSIONS

Where BOTB support is planned or under consideration

USA 5-16 March 1980. Tite National Building and Allied Hardware Manufacturers Federation (Mrs P. Perks, 021-454 2177). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 5.11.79.

Venezuela, Ecuador 7-12 March 1980. Leicester Chamber of Commerce (H. L. Milliard, Leicester 27171). FPB contact J. C. Saunders ext. 214. Cut off date 7.11.79.

Argentina 14-29 March 1980. South Bucks and East Berks Chamber of Commerce (Mrs D. J. Phillips, Slough 33633). FPB contact J. C. Saunders ext. 214. Cut off date 14.11.79.

USA 15-30 March 1980. Engineering Industries Association (W. E. Clayfield, 01-222 2367). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Mexico 24 March-2 April 1980. Scientific Instrument Manufacturers Association (L. J. Nolder, 01-437 0678). FPB contact J. C. Saunders ext. 214. Cut off date 23.11.79.

Venezuela, Colombia, Argentina 16 April-2 May 1980. Leeds Chamber of Commerce (C. Wilson, Leeds 30491). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

USA 17-24 April 1980. British Educational Equipment Association (Ms L. J. Gale, 01-247 9320). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Mexico, USA 19 April-2 May 1980. Engineering Industries Association (Miss A. Small, 01-222 2367). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Canada, USA 21-30 April 1980. Wolverhampton Chamber of Commerce and Industry (M. Elsender, Wolverhampton 26726). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 17.12.79.

USA April 1980. The North of England Development Council (A. Wilson, Stockton-on-Tees 612525). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 17.12.79.

USA April 1980. British Printing Machinery Association (Mrs L. Fox, 01-405 9610). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

USA, Canada 16-28 March 1980. Bradford Chamber of Commerce (M. A. Sewell, Bradford 28166). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 16.11.79.

USA (New York) 19 April-3 May 1980. London Chamber of Commerce and Industry (J. Macgregor, 01-248 4444). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 19.12.79.

USA April-May 1980. British Food Export Council (A. M. A. Battle, 01-480 6594). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

Mexico 5-10 May 1980. Coventry Chamber of Commerce (Alan Durham, Coventry 51777). FPB contact J. C. Saunders ext. 214. Cut off date 4.1.80.

Venezuela 6-16 May 1980. London Chamber of Commerce (J. W. Worsley, 01-248 4444). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

USA 10-17 May 1980. Birmingham Chamber of Industry and Commerce (B Carnes 021-454 6171). FPB Contact Mrs W. M. MacIver ext. 7088. Cut off date 10.1.80.

USA 10-17 May 1980. Birmingham Engineering and Building Centre (D. W. Perkins, 021-643 1914). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Mexico 16-23 May 1980. Leicester Chamber of Commerce (H. L. Milliard, Leicester 27171). FPB contact J. C. Saunders ext. 214. Cut off date 16.1.80.

Canada 28 May-7 June 1980. Worcester Chamber of Commerce (R. S. Prior 0905 23910). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 28.1.80.

Canada, USA May 1980. Sheffield Chamber of Commerce (J. L. Hall, Sheffield 730114). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

Canada, USA May 1980. Association of Learned and Professional Society Publishers (R. J. Millison, Bury St Edmunds). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

USA May 1980. Bristol Chamber of Commerce, Industry and Shipping (Mrs B. Childs, Bristol 37081). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

USA May 1980. Scottish Development Agency (W. R. V. Percy, 031-343 1911). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

USA May 1980. Association of British Mining Equipment Exporters (R. Buckley, Sheffield 21071). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Venezuela 3-13 June 1980. Edinburgh Chamber of Commerce (D. J. Mowat, 031-225 5851). FPB contact J. C. Saunders ext. 214. Cut off date 4.2.80.

USA 6-20 June 1980. Leicester Chamber of Commerce and Industry (H. L. Milliard, Leicester 27171). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date 6.2.80.

Canada 12-20 June 1980. British Food Export Council (AMA Battle 01-480 6594). FPB Contact Mrs W. M. MacIver ext. 7088. Cut off date 12.2.80.

USA June 1980. British Carpet Manufacturers (G. H. Davidson, 01-839 2145). FPB contact Mrs W. M. MacIver ext. 7088. Cut off date not yet arranged.

Mexico, Venezuela 1980. Manchester Chamber of Commerce (E. Tomlinson, 061-832 5574). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Mexico, Venezuela 1980. Publishers Association (M. L. Rowland, 01-580 6321). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Venezuela 1980. North Western Export Club (D. E. Cracknell, Marton Heath 293). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Venezuela 1980. Building Centre Group (D. Clayton, 01-636 1197). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Colombia, Ecuador 1980. Agricultural Engineers Association (D. Knapman, 01-828 7973). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Brazil, Argentina 1980. Glasgow Chamber of Commerce (A. A. Duncan, 041-204 2121). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Brazil, Argentina, Chile 1980. Gauge and Toolmakers Association (A. R. Smith, High Wycombe 444645). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Trinidad 1980. Birmingham Chamber of Commerce (B. Carnes, 021-454 6171). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Mexico, Venezuela, Colombia, Ecuador 1980. Federation of Manufacturers of Construction Equipment and Cranes (D. L. Barrel, 01-353 3020). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Caribbean 1980. West India Committee (Mrs J. Turner, 01-629 6353. FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Haiti, The Dominican Republic 1980. West India Committee (Mrs J. Turner, 01-629 6353). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Panama, Costa Rica 1980. London Chamber of Commerce (J. M. Worsley, 01-248 4444). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

South America 1980. Ship and Boat Builders National Federation (Mrs A. M. Greenslade, Weybridge 54511). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Peru 1980. British Consultants Bureau (Lt Col J. A. Stevens, 01-839 7687). FPB contact J. C. Saunders ext. 214. Cut off date not yet arranged.

Asia (Far East)

1979

Singapore 24-31 August 1979. Leicester and County Chamber of Commerce. (H. L. Milliard, Leicester 27171). FPB contact P. A. Greig, ext. 363. Cut off date passed.

Korea Republic of (South Korea) 3-12 September 1979. Scottish Council Development and Industry. (D. S. Reid, 031-225 7911). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Japan 10-21 September 1979. Export Council for the Jewellery and Giftware Federation. (J. W. F. McConnell, 01-606 2451). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Hong Kong Singapore Malaysia 10-29 September 1979. Leeds Chamber of Commerce and Industry. (C. Wilson, Leeds 30491). FPB contact P. A. Greig ext. 363. Cut off date passed.

Korea (Republic of South Korea). 17-28 September 1979. Bristol Chamber of Commerce. (Mrs Childs, Bristol 37081). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Singapore 1-6 October 1979. Kent and Sussex Exporters Club. (S. Robbens, Sevenoaks 58255). FPB contact P. A. Greig ext. 363. Cut off date passed.

Philippines East Malaysia Brunei 8-19 October 1979. London Chamber of Commerce. (E. MacDonald, 01-248 4444). FPB contact P. A. Greig ext. 363. Cut off date passed.

Japan Korea 9-25 October 1979. CBMPE, (R. Lack, 01-637 8841). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Hong Kong, Japan 11-22 October 1979. Federation of British Audio. (A. Terenzani, 01-734 7471). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Singapore, Australia 13-28 October 1979. British Stationery and Office Products Federation. (F. Mills, 01-580 9256). FPB contact P. A. Greig ext. 363. Cut off date passed.

Singapore, Malaysia 18 October-3 November 1979. Wolverhampton Chamber of Commerce. (C. J. Carder, Wolverhampton 26726). FPB contact P. A. Greig ext. 363. Cut off date passed.

Japan 22 October-2 November 1979. Northern Ireland Chamber of Commerce. (B. Chalmers, Belfast 34488). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Japan 2-4 November 1979. Society of Motor Manufacturers and Traders. (J. Nason, 01-235 7000) FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Korea: 4-17 November 1979. Industrial Council for Educational Training and Technology. (J. M. Wright 01-437 0678). FPB Contact Miss N. Neal ext. 7084. Cut off date passed.

Philippines, Scatter, South East Asia 5-9 November 1979. British Management Training Export Council. (S. Black, 01-445 5256). FPB contact P. A. Greig ext. 363. Cut off date passed.

Singapore 5-9 November 1979. British Food Export Council. (B. Emrys-Roberts, 01-480 6594/5). FPB contact P. A. Greig ext. 363. Cut off date passed.

Japan 5-16 November 1979. North of England Development Council. (A. Wilson, Stockton-on-Tees 612525). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Japan Hong Kong 12-30 November 1979. London Chamber of Commerce. (Miss D. Wright, 01-248 4444). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Korea 12-23 November 1979. Engineering Industries Association. (Miss A. Small, 01-222 2367). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Singapore, Malaysia, Hong Kong 16 November-7 December 1979. Cardiff Chamber of Commerce and Industry. (R. C. Smale, Cardiff 21648). FPB contact P. A. Greig ext. 363. Cut off date passed.

Japan 19-30 November 1979. Computer Services Association. (Ms B. Klaff, 01-405 2171). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

Thailand, Malaysia, Singapore 26 November-14 December 1979. North of England Development Council. (A. Wilson, Stockton-on-Tees 612525). FPB contact P. A. Greig ext. 363. Cut off date passed.

Japan, Hong Kong, Singapore 2-20 December 1979. British Educational Equipment Association. (Linda J. Gale, 01-247 9320). FPB contact Miss N. Neal ext. 7084. Cut off date passed.

1980

Singapore, Malaysia 23 February-8 March 1980. Dundee and Tayside Chamber of Commerce. (H. Terrell, Dundee 22122). FPB contact P. A. Greig ext. 363. Cut off date 23.10.79.

Singapore, Malaysia May 1980. Walsall Chamber of Commerce. (N. E. Turner, Walsall 25671). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

UNDER CONSIDERATION

1979

India October 1979. Manchester Chamber of Commerce (D. Arrandale, 061-832 5574). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

1980

Japan, Hong Kong 7-24 January 1980. British Menswear Guild (Mrs. J. Broughton, 01-734 6277). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Singapore, Thailand First half 1980. British Printing Machinery Association (Ms L. Fox, 01-405 9610). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Malaysia, Thailand, Indonesia, Philippines First half 1980. Association of Hydraulic Equipment Manufacturers (S. J. Brown, 01-834 0855). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Philippines 28 January-8 February 1980. British Agricultural Export Council (Mr A. Barcroft, 01-245 9891). FPB contact P. A. Greig ext. 363. Cut off date 2.10.79.

India, Pakistan January-February 1980. Birmingham Engineering and Building Centre (D. Perkins, 021-643 1914). Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

India, Pakistan 1-17 February 1980. Engineering Industries Association (Miss A. Small, 01-22 2367). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Hong Kong, Malaysia, Singapore, Thailand February 1980. British Health-Care Exports Council (J. Harris, 01-580 7912). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Korea February 1980. Society of Motor Manufacturers and Traders (K. Wallis 01-235 7000). Miss N. Neal ext. 7084. cut off date not yet arranged.

Thailand, Philippines, Singapore 3-21 February 1980. South Wales Exporters Club (Cecil Blanch, Cardiff 885701). FPB contact P. A. Greig ext. 363. Cut off date 3.10.79.

Hong Kong, Japan, February-March 1980. Scottish Council Development and Industry (D. S. Reid, 031-225 7911). FPB contact Miss N. Neal ext 7084. Cut off date not yet arranged.

Philippines, Korea 7-21 March 1980. Birmingham Chamber of Commerce and Industry (T. A. Jackson, 021-454 6171). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Singapore, Philippines 30 March-14 April 1980. Birmingham Engineering and Building Centre (D. W. Perkins, 021-643 1914). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Japan 3-14 March 1980. Coventry Chamber of Commerce and Industry (A. Durham, Coventry 51777). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

India Spring 1980. London Chamber of Commerce (Mr E MacDonald 01-248 4444). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

India Spring 1980. Publishers Association (M. Rowland, 01-580 6321). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Singapore, Malaysia 18 April-2 May 1980. South Bucks and East Berks Chamber of Commerce (Mrs D. J. Phillips, Slough 33633). FPB contact P. A. Greig ext. 363. Cut off date 18.12.79.

Japan, Hong Kong April 1980. Westminster Chamber of Commerce (D. Taylor, 01-734 2851). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Japan, Korea April 1980. Publishers Association (M. Rowland, 01-580 6321). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Hong Kong 14-19 April 1980. North of England Development Council (A. Wilson, Stockton-on-Tees 612525). FPB contact Miss N. Neal ext. 7084. Cut off date 14.12.79.

Hong Kong, Singapore and Philippines 10-31 May 1980. Engineering Industries Association (Ms A. Small, 01-222 2367). FPB contact P. Greig ext. 363. Cut off date 10.1.80.

Korea 12-14 May 1980. London Chamber of Commerce and Industry (Miss D. Wright, 01-248 4444). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Japan, Hong Kong May 1980. British Food Export Council (B. Emrys-Roberts, 01-480 6594). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Singapore May 1980. Kent and Sussex Exporters Club (T. P. Veitch, Tunbridge Wells 23039). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Singapore 24-31 May 1980. Coventry Chamber of Commerce (A. Durham, Coventry 51777). FPB contact P. A. Greig ext. 363. Cut off date 24.1.80.

Japan May 1980. Federation of British Hand Tool Manufacturers (W. R. Eccles, Sheffield 663084). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Japan, Korea May 1980. Defence Manufacturers Association (Col. J. Jack, Guildford 35355). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Hong Kong, Singapore May-June 1980. Northern Ireland Chamber of Commerce and Industry (G. Auret, Belfast 44113). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Singapore, Thailand May-June 1980. Defence Manufacturers Association (Brigadier R. H. Purvis, Guildford 35355). FPB contact P. A. Greig ext 363. Cut off date not yet arranged.

Japan 7-21 June 1980. Birmingham Engineering and Building Centre (D. W. Perkins, 021-643 1914). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Korea, Hong Kong, Singapore June 1980. Building Materials Export Group (Ms J. Tomlinson, 01-636 6920). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Korea June 1980. Engineering Industries Association (Ms A. Small, 01-222 2367). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Thailand June 1980. Birmingham Chamber of Commerce (T. A. Jackson, 021-454 6171). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

India Autumn 1980. Federation of Sussex Industries (Mrs N. Potter, Brighton 26282). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Japan Second half 1980. Development Corporation of Wales (M. Lewis, Cardiff 21208). FPB contact Miss N. Neal ext. 7084. Cut off date not yet arranged.

Asia (Middle East)

1979

Saudi Arabia 16-27 September 1979. Birmingham Chamber of Industry and Commerce. (T. A. Jackson, 021-454 6171). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Egypt 21-28 September 1979. Coventry Chamber of Commerce. (A. Durham, Coventry 51777). FPB contact S. P. Mummery ext. 576. Cut off date passed.

Kuwait 28 September-5 October. North of England Development Council. (A. Wilson, Stockton-on-Tees 612525). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Qatar and Gulf States 5-19 October 1979. Kent and Sussex Exporters Club. (S. Robbens, Sevenoaks 58255). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Oman, Abu Dhabi, Dubai, Kuwait 14-28 October 1979. Coventry Chamber of Commerce. (A. Durham, Coventry 51777). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Oman, Dubai, Abu Dhabi, Qatar 4-19 November 1979. South Bucks and East Berks Chamber of Commerce. (Mrs D. Phillips, Slough 33633). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Kuwait Gulf 16-30 November 1979. Engineering Industries Association. Miss V. A. How, 01-222 2367). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Egypt 30 November-11 December 1979. South Bucks and East Berks Chamber of Commerce. (Mrs D. Phillips, Slough 33633). FPB contact S. P. Mummery ext. 576. Cut off date 31.7.79.

Yemen, Arab Republic, Sudan 23 November-7 December 1979. Dundee and Tayside Chamber of Commerce. (H. Terrell, Dundee 22122). FPB contact Ms A. V. Woodward ext. 7243. Cut off date passed.

Saudi Arabia 30 November-13 December 1979. London Chamber of Commerce. (Contact M. Petheram, 01-248 4444). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 31.7.79.

Kuwait, Qatar, Oman 30 November-14 December 1979. Scottish Council Development and Industry. (D. S. Reid, 031-225 7911). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 27.7.79.

Tunisia, Morocco 5-16 November 1979. London Chamber of Commerce. (E. R. H. Hudepol, 01-248 4444). FPB contact S. P. Mummey ext. 576. Cut off date passed.

Jordan 2-8 December 1979. Coventry Chamber of Commerce. (A. Durham, Coventry 51777). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 3.8.79.

1980

Abu Dhabi, Dubai, Oman 11-25 January 1980. North of England Development Council (A. Wilson, Stockton-on-Tees 612525). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 11.9.79.

Kuwait Qatar Abu Dhabi 18-28 January 1980. Birmingham Chamber of Commerce (G. Ashmore, 021-454 6171). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 18.9.79.

Saudi Arabia 11-21 January 1980. Cardiff Chamber of Commerce (R. C. Small, Cardiff 21648). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 11.9.79.

UNDER CONSIDERATION

1979

Iran, Iraq 3-14 December 1979. Coventry Chamber of Commerce (A. Durham, Coventry 51777). FPB contact Ms A. V. Woodward ext. 7243. Cut off date 3.8.79.

1980

Bahrain and Middle East Scatter January 1980. British Food Export Council (B. Emrys-Roberts, 01-480 6594). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Iraq, Jordan, Syria January 1980. Agricultural Engineers Association (R. Wilson, 01-828 7973). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Lebanon, Syria, Jordan January 1980. Building Materials Export Group (Miss J. Tomlinson, 01-636 6920). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Saudi Arabia February 1980. Coventry Chamber of Commerce (A. Durham, Coventry 51777). Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States February 1980. Manchester Chamber of Commerce (D. M. Arrandale, 061-832 5574). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States February 1980. Engineering Industries Association (Miss A. Small, 01-222 2367). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States Fabruary-March 1980. Kent and Sussex Exporters Club (S. Robbens, Sevenoaks 58255). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States February-March 1980. British Knitting Export Council (A. R. Bicknell, 01-734 6277/8). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf, Iraq, Egypt February-March 1980. Building Materials Export Group (Miss J. Tomlinson, 01-636 6920). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States March-April 1980. British Furniture Manufacturers Association (J. Dials, 01-724 0854/5/6). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States April-May 1980. Northern Ireland Chamber (B. Chalmers, Belfast 34488). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Egypt/Turkey 1980. Defence Manufacturers Association (Col. J. Jack, 0483 35355). FPB contact S. Mummery ext. 576. Cut off date not yet arranged.

Greece, Cyprus 16-24 March 1980. Birmingham Chamber of Commerce (T. L. Edgar, 021-454 6171). FPB contact S. Mummery ext. 576. Cut off date 16.11.79.

Egypt 1980. Agricultural Engineers Association (R. Wilson, 828 7973). FPB contact S. Mummery ext. 576. Cut off date not yet arranged.

Kuwait First half 1980. Business Equipment Trade Association (R. D. D'Urban, 01-405 6233). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Saudi Arabia, United Arab Emirates First half 1980. Walsall Chamber of Commerce (N. E. Turner, Walsall 25671/2). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Iraq, United Arab Emirates First half 1980. Association of British Pharmaceutical Industries (N. G. Nodder, 01-734 9061). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Yemen Arab Republic First half 1980. London Chamber of Commerce (M. Petheram, 01-248 4444). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Gulf States First half 1980. London Chamber of Commerce (M. Petheram, 01-248 4444). FPB contact Ms A. V. Woodward ext. 7243. Cut off date not yet arranged.

Australasia

1979

Australia 3-14 September 1979. North of England Development Council. (A. Wilson, Stockton-on-Tees 612525). FPB contact P. A. Greig ext. 363. Cut off date passed.

Australia 29 October-16 November 1979. Sheffield Chamber of Commerce. (D. F. Hambidge, Sheffield 730114). FPB contact P. A. Greig ext. 363. Cut off date passed.

Australia October 1979. Defence Manufacturers Association. (Col J. L. Jack, Guildford 35355). FPB contact P. A. Greig ext. 363. Cut off date passed.

Australia, New Zealand 4-20 November 1979. East London and South West Essex Export Club. (G. Flanagan, 01-476 2901). FPB contact P. A. Greig ext. 363. Cut off date passed.

New Zealand 5-13 November 1979. Birmingham Chamber of Industry and Commerce. (G. Ashmore, 021-456 6171). FPB contact P. A. Greig ext. 363. Cut off date passed.

Australia, New Zealand 9-23 November 1979 Coventry Chamber of Commerce and Industry. (A. Durham, Coventry 51777). FPB contact P. A. Greig ext. 363. Cut off date passed.

Australia, New Zealand 19 November-7 December 1979. Westminster Chamber of Commerce. (D. T. Taylor, 01-734 2851). FPB contact P. A. Greig ext. 363. Cut off date passed.

3 MISSIONS
Where BOTB support is planned or under consideration

1980

Australia, New Zealand 28 January-15 February 1980. Federation of Sussex Industries. (Mrs N. Potter, Brighton 26282). FPB contact P. A. Greig ext. 363. Cut off date 28.9.79.

Australia 6-21 March 1980. Birmingham Chamber of Industry and Commerce. (T. A. Jackson, 021-454 6171). FPB contact P. A. Greig ext. 363. Cut off date 6.11.79.

Australia, New Zealand 14 March-2 April 1980. Export Council for the Jewellery and Giftware Federation. (J. W. F. McConnell, 01-606 2451). FPB contact P. A. Greig ext. 363. Cut off date 14.11.79.

Australia 14 April-2 May 1980. Coventry Chamber of Commerce. (A. Durham, Coventry 51777). FPB contact P. A. Greig ext. 363. Cut off date 14.4.79

Australia, New Zealand 28 April-18 May 1980. Leeds Chamber of Commerce and Industry. (C. Wilson, Leeds 30391). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

New Zealand, Australia 7-29 May 1980. Scottish Council Development and Industry. (Miss M. Bell, 031-225 7911). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

UNDER CONSIDERATION

1979

Australia, New Zealand 1979. Electronic Components Industry Federation (W. Barrett, 01-437 4127). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Australia 1979. Society of British Aerospace Co (J. Hartley, 01-839 3231. FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

New Zealand 1979. Nationalised Industries Overseas Group (A. H. K. Slater, 01-235 1212). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Australia 1979. British Printing Machinery Association (Mrs L. Fox, 01-405 9610). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

1980

Australia, New Zealand 4-23 February 1980. Irish Linen Guild (M. Elson, 01-629 0288). FPB contact P. A. Greig ext. 363. Cut off date 4.10.79.

Australia 25 February-11 March 1980. North Staffs Chamber of Commerce (J. Glover, 0782 44731/2). FPB contact P. A. Greig ext. 363. Cut off date 25.10.79.

Australia, New Zealand March 1980. London Chamber of Commerce (Ms D. Wright, 01-248 4444). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Australia, New Zealand March 1980. Society of Motor Manufacturers and Traders (K. Wallis, 01-235 7000). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Australia 14-25 April 1980. British Food Export Council (Ms P. Platten, 01-480 6594/9). FPB contact P. A. Greig ext. 363. Cut off date 14.2.79.

Australia April 1980. British Menswear Guild (A. R. Bicknell, 01-434 1894). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Australia June 1980. British Ceramic Manufacturers Association (N. Nelson, 0782 48631). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Australia, New Zealand June 1980. Agricultural Engineers Association (R. Wilson, 01-828 7973). FPB contact P. A. Greig ext. 363. Cut off date not yet arranged.

Europe

1979

Hungary, Yugoslavia 7-17 October 1979. Scottish Council Development and Industry. (D. S. Reid, 031-225 7911). FPB contact S. P. Mummery ext. 576. Cut off date passed.

USSR 7-13 October 1979. Leicester Chamber of Commerce. (H. L. Milliard, Leicester 27171). FPB contact S. P. Mummery ext 576. Cut off date passed.

Czechoslavakia 14-19 October 1979. Manchester Chamber of Commerce. (Mrs I. K. Conway, 061-832 5574). FPB contact S. P. Mummery ext. 576). Cut off date passed.

USSR 29 October-2 November 1979. Scottish Council Development and Industry. (Miss M. Bell, 031-225 7911). FPB contact S. P. Mummery ext. 576). Cut off date passed.

Greece, Israel 29 October-14 November 1979. Agricultural Engineers Association. (C. C. Wilson, 01-828 7973). FPB contact S. P. Mummery ext. 576. Cut off date passed.

Greece, Israel 29 October-14 November 1979. British Agricultural Export Council. (R. Elsy, 01-248 9819). FPB contact S. P. Mummery ext. 576. Cut off date passed.

Israel 24 November-1 December 1979. British Overseas Trade Group for Israel. (S. R. Wills, 01-935 4422). FPB contact S. P. Mummery ext. 576. Cut off date passed.

Finland 9-12 December 1979. British Knitting Export Council. (A. Bicknell, 01-734 6277). FPB contact S. P. Mummery ext. 576. Cut off date 10.8.79.

UNDER CONSIDERATION

1980

Poland Spring 1980. London Chamber of Commerce (T. Errington, 01-248 4444). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Greece 5-16 May 1980. London Chamber of Commerce and Industry. (H. McDonald, 01-248 4444). FPB contact S. P. Mummery ext. 576. Cut off date passed.

Poland Autumn 1980. London Chamber of Commerce (T. Errington, 01-248 4444). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Bulgaria 1980. London Chamber of Commerce (T. Errington, 01-248 4444). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

USSR 1980. Manchester Chamber of Commerce (Mrs I. Conway, 061-832 5574). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Romania 1980. Birmingham Chamber of Commerce (M. C. Pountney, 021-454 6171). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Hungary 1980. Birmingham Chamber of Commerce (M. C. Pountney, 021-454 6171). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Hungary 1980. London Chamber of Commerce (T. Errington, 01-248 4444). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

USSR 1980. Leicester Chamber of Commerce (A. H. Green, Leicester 27171). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Finland 1980. London Chamber of Commerce (J. Readman, 01-248 4444). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

Finland 1980. British Knitting Export Council (A. Bicknell, 01-734 6277). FPB contact S. P. Mummery ext. 576. Cut off date not yet arranged.

USSR 23 February-1 March 1980. North of England Development Council (A. Wilson, Stockton-on-Tees 612525). FPB contact S. P. Mummery ext. 576. Cut off date 23.10.79.

Finland 23-29 March 1980. Scottish Council (D. Reid, 031-225 7911). FPB contact S. P. Mummery ext. 576. Cut off date 23.11.79.

Finland 13-18 April 1980. Leicester Chamber of Commerce (L. Milliard, Leicester 27171). FPB contact S. P. Mummery ext. 576. Cut off date 13.12.79.

4 OTHER OVERSEAS FAIRS

Events listed in section 1 are not included in section 4.

Inquiries
Requests for information about trade fair costs and conditions should be made to the organisers or their UK agents whose names and addresses may be obtained from the Department of Trade's Fairs and Promotions Branch, Hillgate House, 26 Old Bailey, London EC4M 7HU (01-248 5757 ext. 7171).
* Event held annually at approximately the time stated.
† Event held in alternate years at approximately the time stated.

General

1979

MOZAMBIQUE: International Trade Fair (Facim). 25 August-9 September 1979.

NEW ZEALAND: Wellington World Trade Fair. 21 August-2 September 1979.

SALONIKA: 44th Salonika International Trade Fair. 9-23 September 1979.

STRASBOURG: International Trade Fair. September 1979.

ZAGREB: International Autumn Fair. 14-23 September 1979.

BUDAPEST: International Autumn Consumer Goods Fair. 14-23 September 1979.

METZ: International Autumn Fair. 29 September-8 October 1979.

ESSEN: Consumer Trade Fair. 13-21 October 1979.

BORENORE (New South Wales): Australian National Field Day. 12-15 November 1979.

BERLIN: Christmas Fair 1979. 1-16 December 1979.

1980

PORT HARCOURT: Trade Fair, 21-26 January 1980

TRIPOLI: International Fair: March 1980

MARSEILLES: International Spring Fair. April 1980.

LILLE: International Trade Fair. April 1980.

ZAGREB: International Spring Fair. April 1980.

LYON: International Trade Fair. April 1980.

METZ: International Spring Fair (Expometz). April 1980.

PARIS: International Trade Fair. (Foire de Paris). April 1980.

BORDEAUX: International Trade Fair. May 1980.

NICOSIA: 5th Cyprus International (State) Fair. 24 May-8 June 1980.

MARSEILLES: International Trade Fair. September 1980.

ZAGREB: International Autumn Fair. September 1980.

STRASBOURG: International Trade Fair. September 1980.

MELBOURNE: Melbourne Centenary International Exhibition 1980. September 1980.

ESSEN: Consumer Trade Fair. 18-26 October 1980.

Agriculture, forestry, fishing and agricultural machinery

1979

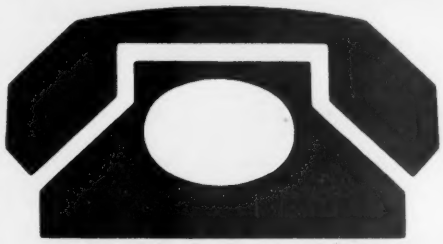
LISBON: 3rd International Agriculture Exhibition (Filagro). 2-11 November 1979.

OTAR: help for exporters

Overseas Tariffs and Regulations Section (OTAR), Export Services and Promotions Division, Department of Trade, Export House, 50 Ludgate Hill, London EC4M 7HU (tel. 01-248 5757) can give you directly, or through your regional office, up-to-date information on the tariffs and customs regulations of overseas countries, import licensing regulations and restrictions including import quotas; certificate of origin; consular invoices and fees; labelling and marking requirements; regulations on foodstuffs, drugs and pharmaceuticals, agency legislation; setting up of a subsidiary company; and the import of samples. It also provides information, in collaboration with the Ministry of Agriculture, Fisheries and Food, on health regulations for livestocks meat, animal products and plants and seeds. In short, OTAR can help on almost all legislation which affects the entry of British goods into overseas countries.

Inquiries which concern the countries of more than one sub-section (excluding inquiries involving only EEC countries) should be made to OTAR's co-ordination sub-section on 01-248 5757 extension 452 or 454.

For information on specific countries, phone the number and extension given below



01-248 5757

extension

Sub-section A

1 Co-ordination of EEC regulations, requirements and common customs tariff (CCT), Denmark, France incl. overseas territories, Greece, Turkey, Cyprus

408 Denmark (incl. Faroe Islands and Greenland). EEC legislation on tariff and non-tariff barriers relative to community trade

423 France and French overseas departments, French overseas territories, Comoros

439 Greece (incl. Dodecanese Islands), Turkey, Cyprus

2 Benelux, Dutch overseas territories, Irish Republic, Italy, Federal Republic of Germany

288 Belgium, Luxembourg, Netherlands, Netherlands Antilles, Aruba, Bonaire, Curacao, St Eustatius, St Martin (Dutch), Saba, Suriname

466 Italy, Irish Republic

467 Federal Republic of Germany

Sub-section B

Efta countries, Spain, Gibraltar, Malta, Israel, Macao

458 Israel, Norway, Gibraltar, Malta

459 Austria, Sweden, Switzerland

460 Portugal, Finland, Iceland, Macao

461 Spain, Canary Islands, Andorra

Sub-section C

1 North America, Bahamas, Bermuda, West Indies

455 Canada

456 USA (incl. Alaska, Caroline Islands, Guam, Hawaii, Mariana Islands, Marshall Islands, Panama Canal Zone, Puerto Rico, Samoa (US), Virgin Islands (US), Wake Island)

7312 Anguilla, Antigua, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Cayman Islands, Dominica, Grenada, Guyana, Jamaica, Montserrat, St Kitts/Nevis, St Lucia, St Vincent, Trinidad and Tobago, Turks and Caicos Islands

2 South and central America

474 Argentina, British Antarctic Territories and Antarctica, Cuba, Dominican Republic, Falkland Islands, Haiti, Paraguay, Uruguay, Bolivia, Chile, Colombia, Ecuador, Peru, Venezuela

476 Brazil, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama

Sub-section D

Africa

462 Algeria, Ceuta and Melilla, Egypt, Equatorial Guinea, Libya, Morocco, Sudan, Tunisia, Western Sahara

471 Angola, Cape Verde, Guinea-Bissau, Jibuti (Djibouti), Malawi, Mauritius, Mozambique, Rwanda, St Helena and Tristan da Cunha and Ascension Islands, Sao Tome/Principe, Seychelles, Somalia, South Africa (with Botswana, Lesotho, SW Africa/Namibia and Swaziland), Zambia, British Indian Ocean Territory

472 Benin, Burundi, Cameroon, Central African Empire, Chad, Congo (Brazzaville), Ethiopia, Gabon, Ghana, Guinea, Ivory Coast, Kenya, Madagascar, Mali, Mauritania, Niger, Senegal, Tanzania, Togo, Uganda, Upper Volta, Zaire

473 The Gambia, Liberia, Nigeria, Rhodesia, Sierra Leone

Sub-section E

Australasia and south-east Asia, eastern bloc, China, Mongolia, Yugoslavia

401 New Zealand, Singapore, Thailand, W. Samoa, Chatham Islands, Cook Islands, Niue Islands, Tokelau Islands, Philippines

468 Australia, Solomon Islands, Cocos (Keeling) Islands, Christmas Island (Indian Ocean), Nauru, New Hebrides, Papua New Guinea, Albania, Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, USSR, China, Mongolia, Yugoslavia

469 Brunei, Fiji, Hong Kong, Indonesia, Malaysia, Tonga, Gilbert Islands (incl. Ocean Island, Phoenix and Northern Line Islands), Tuvalu, Norfolk Island, Pitcairn Island

Sub-section F

Middle East (part) and Asia (part)

420 Afghanistan, Burma, India, Pakistan, Japan, Korea Democratic Peoples Republic, Korea Republic of, Taiwan, Yemen Arab Republic, Yemen Peoples Democratic Republic

475 Iraq, Kampuchea (formerly Cambodia), Kuwait, Laos, Lebanon, Vietnam Socialist Republic of, Bahrain, Iran, Oman, Qatar, Syria, United Arab Emirates

7062 Bangladesh, Jordan, Maldives, Nepal, Saudi Arabia, Sri Lanka

4 OTHER OVERSEAS FAIRS

1980

PENNSYLVANIA: Farm Show. 7-11 January 1980.

ATLANTA: The International Poultry Trade Show. 24-26 January 1980.

LOUISVILLE: National Farm Machinery Show. 13-16 February 1980.

PARIS: Leisure Power Cultivation Show. March 1980.

SYDNEY: (FIME '80) Forest Industries Machinery Exposition. 15-17 April 1980.

KIEV: Machines and equipment for production and laying in of fodder. 27 May-5 June 1980.

TASHKENT: Technology and equipment for cotton cultivation and harvesting. 28 May-6 June 1980.

KISHINER: Mechanisation and automation facilities for tobacco cultivation, after harvesting processing and drying of tobacco leaves. 17 June-26 June 1980.

STUTTGART: 89th Royal Show "Landwirtschaftlicheshauptfest" 27 September–5 October 1980.

BUDAPEST: International Exhibition of Agricultural Food Industrial Machinery and Instruments. 21-26 April 1980.

Aircraft and aeronautical equipment

1980

TOULOUSE: Aeronautical and Space Exhibition. June 1980.

Books and periodicals

1979

LAUSANNE: International Bookbinding Triennial. 1979.

GENEVA: 1st World Telecommunications and Electronics Book Fair. September 1979.

BELGRADE: International Book Fair. October 1979.

BERLIN: 28th International Book Exhibition. 11-21 November 1979.

1980

NICE: International Book Festival. May 1980.

News of export services

If your company has recently introduced a new service for exporters – in, for example, the packing, forwarding, shipping, airfreighting, banking or translation fields – we would be glad to have details, plus a good black and white photograph where appropriate.

Items for inclusion in this feature should be addressed to the Editor, Trade and Industry, Eleventh Floor, Millbank Tower, Millbank, London SW1P 4QU

Advertisers who wish to be associated with this feature should contact Dudley Masters on 01-242 9478.

Building, public works and construction

1979

BERLIN: German Industries Exhibition. September 1979.

CAPETOWN: Cape Building and Construction Exhibition. 7-15 September 1979.

PORTLAND: International Public Works Congress and Equipment Show. 15-20 September 1979.

CANBERRA: 2nd National Congress and Trade Exhibitions of the Building Owners and Managers Association of Australia. 16-18 September 1979.

MINSK: Labour Mechanisation in Building and Construction. 25 September-4 October 1979.

OPORTO: 5th International Exhibition of Construction Materials. 5-14 October 1979.

MOSCOW: Technical Equipment for Dwelling Houses. November-December 1979.

PHILIPPINES: 2nd Philippine International Building Materials Exhibition. 21-28 October 1979.

1980

ESSEN: International Exhibition of Brickwork Equipment + Transport with 3 day Brick and Tile Conference. 13-16 January 1980.

ESSEN: Real Property Trade Fair. 22-25 February 1980.

BUDAPEST: International Exhibition of Building Industry. 21-26 April 1980.

JOHANNESBURG: International Building and Construction Exhibition (Interbow). 13-21 August 1980.

BAKU: Equipment Devices and Measuring Instruments used in Foundation Construction. 9-18 September 1980.

ALMA ATA: Measuring and Equipment for Construction and Maintenance of Highways. 10-19 September 1980.

Chemicals and allied industries including plastics

1979

EDMONTON: 1st International Petroleum Exhibition and Conference (Interscan). 25-28 September 1979.

MOSCOW: Automation of Technological Processes in Non-Ferous Metallurgy. 27 November-6 December 1979.

1980

BOMBAY: Chem-Tech '80. 17-24 January 1980.

HOUSTON: Interpipe. 5-7 February 1980.

JOHANNESBURG: International Chemicals Exhibition (Chemex). 11-15 February 1980.

ZAGREB: International Plastics and Rubber Exhibition (Plastex). April 1980.

SINGAPORE: International Rubber and Plastics Exhibition (Rubberplas '80). 15-19 September 1980.

Clothing

1979

BRISBANE: 3rd Brisbane Giftware Exhibition. September 1979.

SAN DIEGO: West Coast Apparel Guild Trade Show (Menswear). 3-7 October 1979.

SAN DIEGO: Westmac Trade Show (Western Men's Apparel Club). 3-7 October.

MELBOURNE: 2nd National Ready-to-Wear Women's Winter Fashion Fair. 13-16 October 1979.

MELBOURNE: Winter Fashion Fair (Style '79). 14-17 October 1979.

BERLIN: Fashion Week (including Interchic). October 1979.

BERLIN: Main Sampling (Interchic). 14-18 October 1979.

1980

SYDNEY: Children's Wear Fair '80. March 1980.

SYDNEY: 4th Menswear Summer Fair. March 1980.

SYDNEY: 3rd Women's Ready-to-wear Summer Fashion Fair (Style '80). May 1980.

MELBOURNE: Winter Fashion Fair (Style '80). October 1980.

Engineering, electrical and electronic, including radio and television

1979

SINGAPORE: Computa '79. 11-14 August 1979.

CANNES: Market for Videocassette Programmes and Equipment (Vidcom). September 1979.

TORONTO: International Electronics Exposition. 1-3 October 1979.

JOHANNESBURG: Appliance and Sound '79: 26-29 September 1979.

STUTTGART: Electronics and Mini-computer Industries (Electro-Hobby). 3-7 October 1979.

MOSCOW: 2nd International Exhibition of Equipment for Production and Testing of Electronic Apparatus. 11-21 October 1979.

ATLANTA: Railway Engineering Maintenance Suppliers Association inc (REMSA '79). 15-18 October 1979.

JOHANNESBURG: 11th Instrumentation, Electronic and Automation Fair. 15-19 October 1979.

SYDNEY: 5th International Electrical Electronic, Engineering, Measurement and Control Exhibition and Convention (EEEMC '79). 22-25 October 1979.

BARCELONA: International Electronic Exhibition (Sonimag). 22-28 October 1979.

BERLIN: Electrical Trade Show (El-Fa '79). 23-27 October 1979.

BUCHAREST: Systemtechnik '79. 3-8 December 1979.

PARIS: Electrical Equipment Exhibition. 10-15 December 1979.

1980

PARIS: 15th International Lighting Exhibition. 10-15 January 1980.

BELGRADE: International Electronics Exhibition (Electronika). February 1980.

MELBOURNE: Computers Electronic Technology, Instruments, Communications Exhibition (CETIA). 29 April-2 May 1980.

SYDNEY: (Acoustics in the 1980's) – Tenth International Congress and Trade Exhibition (together with satellite symposia in Adelaide and Perth). 9-16 July 1980.

CANNES: Market for Videocassette Programmes and Equipment (Vidcom). September 1980.

MELBOURNE: 6th International Electrical, Electronic Engineering, Measurement and Control (EEEMC Exhibition and Convention). October 1980.

Engineering, other

1979

MOSCOW: 2nd International Exhibition of Machinery for the Timber and Woodworking Industry (Lesdrevmash). 29 August-12 September 1979.

CLEVELAND: Iron and Steel Exposition. 24-27 September 1979.

MOSCOW: Equipment and Apparatus for Studying Surfaces of Solids. 12-21 October 1979.

EREVAN: Seismic Devices and Vibrating Technique. 12-21 October 1979.

autumn fair

UTRECHT NETHERLANDS
2ND-6TH SEPTEMBER 1979

daily from 9 am-6 pm, but on sunday
2 nd september from 10 am-6 pm

exhibition programme
clocks, gold and silverware / optics / glassware, pottery, crystalware and china / cutlery / housewares / giftware / far eastern articles / handicraft articles / costume jewellery / toileteries / smoker's requisites / lighting goods / leather goods / toys, handicraft and hobby requisites, sports goods and party novelties / office supplies and -machines / stationery

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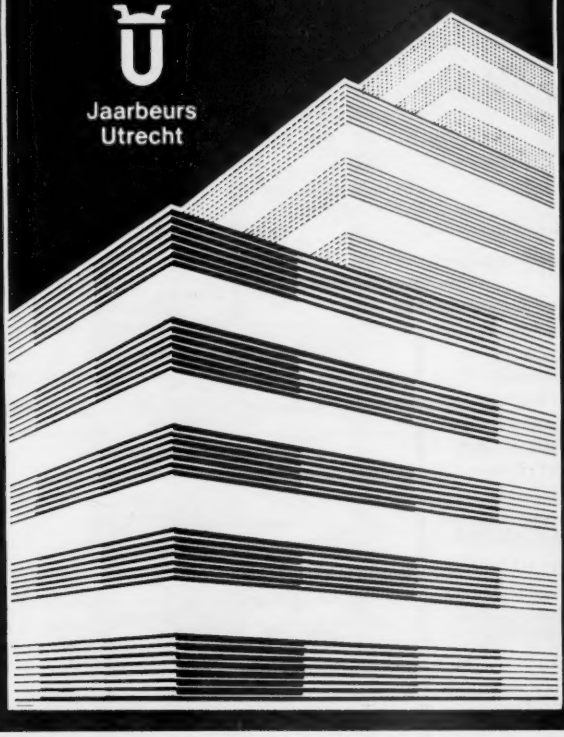

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4 OTHER OVERSEAS FAIRS

MOSCOW: Equipment for Production of Polymer Tubes. November-December 1979.

1980

CHARLESTON: Eastern Mining and Industrial Exposition. 25-27 March 1980.

RENO: World of Pumps – International Pump Show. 25-27 March 1980.

PARIS: International Woodworking Machinery Exhibition (Expobis). April 1980.

PARIS: French Machine Tool Welding Mechanical Equipment Exhibition. June 1980.

FRANKFURT: 5th International Dairy Engineering Exhibition. October 1980.

POZNAN: International Trade Fair for Woodworking Machines (Drema). 12-17 October 1980.

MOSCOW: Equipment for Production of Electrotechnical Articles. 15-24 October 1980.

Foodstuffs, food machinery, hotel and catering equipment

1979

RIGA: Hotel Equipment. 14-25 September 1979.

BRUSSELS: Catering Trades Exhibition (Info-Restaurants). 20-21 September 1979.

CALGARY: International Gourmet Show. 21-23 September 1979.

MELBOURNE: Wine Exhibition. (Expovin International) 14-21 October 1979.

TORONTO: International Gourmet Show. 18-20 October 1979.

MUNICH: 10th International Trade Fair of the Hotel and Catering Trades (IGAFA '79). 19-24 October 1979.

LISBON: 2nd International Salon of Wines and Spirits (Vinifil). 2-11 November 1979.

CHICAGO: American Meat Institute. 3-6 November 1979.

THESSALONIKI: International Fair of Food, Beverages and Equipment (Detrop '79). 4-11 November 1979.

THESSALONIKI: 9th International Conference (Norcofel). 8-10 November 1979 (part of 'Detrop' Fair).

JOHANNESBURG: Star Food and Drink Fair. 21-24 November 1979.

1980

PARIS: International Exhibition of Confectionery, Chocolate and Biscuits (Intersuc). February 1980.

STUTTGART: International Trade Fair for the Hotel, Catering and Bakery Trades. 17-23 April 1980.

BUDAPEST: International Exhibition of Agricultural and Food Industrial Machinery and Instruments (Agromasexpo). 21-26 April 1980.

SINGAPORE: Food Processing and Packaging Exhibition (Foodtech '80). 23-27 June 1980.

MELBOURNE: (Expovin International) Wine Exhibition. July-August 1980.

BUDAPEST: International Exhibition of Trade and Catering Industry Equipment (Hoventa). 26 September-5 October 1980.

PARIS: Food Manufacturing Processing International Exhibition. November 1980.

PARIS: International Exhibition of Machinery and Techniques for the Meat Industry (MATIC). November 1980.

Furniture, furnishings, household equipment and hardware

1979

BUENOS AIRES: International Exhibition of Suppliers to the Timber, Furniture and Allied Industries (Expimma '79). 20-25 August 1979.

MELBOURNE: Hardware Trade Fair. 5-7 September 1979.

PARIS: International Hardware Exhibition (Quojem). 23-26 September 1979.

SYDNEY: 'Telegraph' Homes Show. 26 September-1 October 1979.

LISBON: 3rd International Exhibition (furniture, decoration, lighting and household ware) (Intercasa). 28 September-7 October 1979.

LOS ANGELES: 2nd Annual Kitchen, Bathroom Design Show. 14-16 November 1979.

1980

PARIS: Materials and items to be used for the Manufacture of Furniture, Chairs and Bedding (Approfal). April 1980.

PARIS: International Hardware Exhibition (Quojem). September 1980.

STOCKHOLM: International Carpet Exhibition (Golvex). September 1980.

MELBOURNE: Hardware Trade Fair. September 1980.

Gas and oil extraction and distribution including offshore activities

1979

TULSA: International Petroleum Exposition. 10-13 September 1979.

1980

BORDEAUX: International Exhibition on the Exploitation of the Oceans, Offshore Techniques, Shipbuilding, Sea Harbours and Equipments (Oceanexpo). 4-8 March 1980.

Heating and ventilating

1979

SINGAPORE: Enviro '79. 13-17 August 1979.

1980

ESSEN: Sanitary, Heating Equipment and Air Conditioning Exhibition. 6-9 March 1980.

A library for exporters

Trade and other economic statistics from almost every country in the world, including the UK, are available for reference in the Statistics and Market Intelligence Library at Export House, 50 Ludgate Hill, London EC4M 7HU, tel. 01-248 5757 ext. 368/369, telex 886143 (DTI Export LDN). A modern well-equipped library of over 100 000 volumes, it has a public reading room equipped with microfiche readers and photocopying facilities. Among the documents available are foreign trade directories covering some 170 countries and selected trade fair catalogues. The library is open from 09.00 to 17.30, Monday to Friday (last passes for the building are issued at 17.15).

Horticulture and horticultural equipment

1979

MOSCOW: Floriculture and Planting Greenery. 13-23 September 1979.

1980

ESSEN: Hobby Gardening Trade Fair. 5-9 March 1980.

MOSCOW: Technology, Mechanisation and Automation of Production Processes in Hot Houses. 26 November-5 December 1980.

Hospital, medical, surgical and dental equipment

1979

MOSCOW: International Exhibition of Equipment for the Production of Medical Apparatus (Medtechnika). 18-27 July 1979.

JOHANNESBURG: Laboratory Equipment and Techniques for Industrial, Medical Application Exhibition. 5-7 September 1979.

BERLIN: Medical Informatics (Berlin '79). 17-20 September 1979.

BRUSSELS: International Exhibition of Hospital and Medical Equipment. October 1979.

SYDNEY: 2nd International Child Neurology Congress and Exhibition. 26-30 November 1979.

WASHINGTON: American Association of Respiratory Therapy. 1-4 December 1979.

1980

PARIS: International Exhibition of Optical Goods and Materials (Silmo). May 1980.

Jewellery and giftware

1979

SYDNEY: Spring Gift Fair. September 1979.

PARIS: Exhibition of Art Manufacturers (Ateliers d'Art). September 1979.

1980

PARIS: Exhibition of Art Manufacturers (Ateliers d'Art). January 1980.

SYDNEY: 11th International Gift and Trade Fair. February 1980.

MELBOURNE: Giftware Exhibition. August 1980.

PARIS: Exhibition of Art Manufacturers (Ateliers d'Art). September 1980.

BRISBANE: Spring Giftware Trade Fair. September 1980.

SYDNEY: Spring Giftware Trade Fair. September 1980.

Laundry and allied services

1980

SINGAPORE: International Laundry and Dry Cleaning and Allied Services Exhibition. 28 January-1 February 1980.

Leather, leather goods and fur

1980

POZNAN: International Textile, Clothing and Shoemaking Machines Trade Fair (Intermasz). 18-22 April 1980.

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4 OTHER OVERSEAS FAIRS

CAIRO: International Exhibition of Leather Industry and Leather Products. April 1980.

Motor vehicles, motor cycles and cycles

1979

MELBOURNE: Motor Parts, Accessories and Equipment Show. 12-16 September 1979.

JOHANNESBURG: Motorworld Trade Show. 26-29 September 1979.

1980

BELGRADE: International Motor Show. April 1980.

Music and musical instruments

1980

POZNAN: International Show Business Fair (Intersonic). 5-8 May 1980.

Office machinery and equipment

1979

ZAGREB: International Exhibition of Data Processing Systems and Office Equipment (Interbiro). October 1979.

ANAHEIM: International Business and Industry Exposition. 2-4 October 1979.

SAO PAULO: Data Processing Equipment Exhibition. 8-12 October 1979.

BERLIN: Exhibition of the Office Industry (Buro-data Berlin '79). 10-13 October 1979.

1980

BRUSSELS: International Fair for Office Equipment and Data Processing (Bureau). September 1980.

STUTTGART: National Office Trade Exhibition (das moderne buro). 23-27 September 1980.

POZNAN: International Trade Fair of Office Equipment (Interbiuro). 12-17 October 1980.

Packaging machinery and materials including containers

1979

POZNAN: International Packaging, Handling and Storage Exhibition (Tarapak). 14-19 October 1979.

DAKAR: Packaging and Handling and Trade Show. 29 January-3 Febuary 1980.

Photographic equipment

1980

SINGAPORE: World Photographic Congress and Exhibition (Photo '80). 15-21 March 1980.

POZNAN: International Photo and Cinematographic Trade Fair (Fotokinetechnical). 18-22 April 1980.

POZNAN: International Show Business Fair (Intersonic). 5-8 May 1980

Pottery and glass

1980

SYDNEY: 4th International China, Glassware and Tableware Trade Fair. February 1980.

PARIS: International Exhibition of China, Pottery, Silverware and Household Decoration Industries (SIFE). April 1980.

Printing, stationery and printing machinery

1979

POZNAN: International Exhibition of Printing Machines (Poligraphia). 14-19 October 1979.

1980

PARIS: International Professional Stationery Show (SIPPA). February 1980.

LONG BEACH: The Gutenburg Festival. 20-23 March 1980.

JOHANNESBURG: International Stationery, Toys, Books, Novelties Exhibition and Symposium (Statimat). 17-21 June 1980.

MALMO: "Grafex with Offset". 11-15 November 1980.

Scientific instruments and nuclear equipment

1979

MELBOURNE: 9th World Exhibition and Conference on Non-destructive Testing. 18-23 November 1979.

1980

BORDEAUX: International Exhibitions and Colloquiums on Nuclear Techniques and New Sources of Energy (Energiexpo). January 1980.

Ships and boats

1979

HOBART: Boat, Leisure, Pleasure Show. August 1979.

SYDNEY: 12th Sydney International Boat Show. 3-8 August 1979.

FRIEDRICHSHAFEN: International Boat Show (interboat). 29 September-7 October 1979.

LONG BEACH: Sailboat Show. 19-28 October 1979.

NEW ORLEANS: 2nd Annual Work Boat Show. November 1979.

1980

NEW ORLEANS: 3rd Annual Work Boat Show. January 1980.

SAN FRANCISCO: Sports and Boat Show. 12-21 January 1980.

MELBOURNE: Sailboat '80. May 21-25 1980.

LENINGRAD: Technology and Equipment for Production of Ship Hull Parts. 27 May-5June 1980.

MELBOURNE: The 'Herald' National Boat Show and Camping Display. July 12-20 1980.

HOBART: Boat-Leisure-Pleasure Show. August 1980.

SINGAPORE: 2nd International Exhibitions of Boats, Pleasure Crafts, Maintenance and Ancillary Equipment. 6-10 August 1980.

Sports goods and camping equipment, including caravans

1979

JOHANNESBURG: Outdoor '79 Camping and Outdoor Activities Exhibition. 30 August-3 September 1979.

PARIS: Sports and Leisure Exhibition (SISEL). 9-11 September 1979.

PARIS: Professional and International Show of Open Air Sports and Pastime Articles (SISIL). September 1979.

MELBOURNE: 'Camp In'. 26-30 September 1979.

PARIS: International Caravan Exhibition. 4-14 October 1979.

ZURICH: Swimming Pools and Sporting Equipment (Swissfit). 27 November-1 December 1979.

ESSEN: International Sports and Racing Cars Show. 29 November-7 December 1980.

1980

LISBON: Hotel and Catering Trade Leisure Activities Pleasure Craft Caravans Sports (Filtel '80). 1980.

MOSCOW: Equipment for Manufacture of Toys. 15-24 January 1980.

STUTTGART: International Exhibition for Caravans, Motors and Tourism (CMT '80). 19-27 January 1980.

GRENOBLE: International Winter Sports Exhibition. March 1980.

SYDNEY: World Sports Expo '80. February 1980.

ESSEN: German Camping Exhibition and International Exhibition of Mobilehomes. 22-30 March 1980.

POZNAN: International Leisure Exhibition (Rekreacja). 18-22 April 1980.

SINGAPORE: 3rd International Exhibition of Sports Equipment and Leisure Goods. 6-10 August 1980.

PARIS: Professional and International Show of Open Air Sports and Pastimes Articles (SISEL). September 1980.

MELBOURNE: 'Camp-In '80'. September-October 1980.

PARIS: International Caravan Exhibition. October 1980.

ESSEN: International Sports and Racing Cars Show. 1-9 December 1980.

Textiles and textile machinery

1979

OPORTO: Portuguese Textile Week (Portex '79). 17-21 September 1979.

THESSALONIKI: International Fair of Textile and Ready-to-Wear Fair (Textilia '79). 25-29 November 1979.

1980

POZNAN: International Textile, Clothing and Shoemaking Machines Trade Fair (Intermasz). 18-22 April 1980.

SINGAPORE: International Exhibition of Machinery Equipment and Materials for the Textile and Fabrics Trade (Asiatex '80). 6-10 May 1980.

Toys and games

1979

SINGAPORE: International Toy and Handicrafts Fair. 3-7 October 1979.

1980

PARIS: International Toy Fair. February 1980.

POZNAN: International Leisure Exhibition (Rekreacja). 18-22 April 1980.

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4 OTHER OVERSEAS FAIRS

MELBOURNE: 'Australian Toy Fair '80' – incorporating games and sporting goods. 25-28 July 1980.

Watches and clocks

1979

MELBOURNE: 4th Melbourne Watch, Clock and Jewellery Trade Fair. August 1979.

1980

SYDNEY: 5th International Watch Clock and Jewellery Fair. February 1980.

MELBOURNE; Melbourne Watch, Clock and Jewellery Fair (Concurrent with next event). August 1980.

Other specialised fairs

1979

JOHANNESBURG: Shops and Centres Exhibition. 15-18 August 1979.

PARIS: International Exhibition of Prevention Safety and Protection of Mankind Environment and Property (Europrotection). September 1979.

BERLIN: Modern Living with Antiques. 1-9 September 1979.

ESSEN: 4th International Trade Exhibition for Home and Supplies (DIY '79). 12-16 September 1979.

ISTANBUL: International Mining Exhibition. 15-22 September 1979.

SYDNEY: The International Pet and Gardening Products Trade Fair. 16-18 September 1979.

BERLIN: 17th Overseas Import Fair (Partners for Progress). 19-23 September 1979.

STUTTGART: Security and Safety for all (Sponsored by German Federation Government, Exhibition of Equipment used by Firebrigades, Police and Emergency Services etc. 26-30 September 1979.

STUTTGART: Innotex '79. 26-30 September 1979.

JOHANNESBURG: Business Efficiency Fair. 26 September-3 October 1979.

PARIS: Do-it-Yourself Exhibition (Bricolage). October 1979.

STUTTGART: Faresa/Fatrama/Mehana: 3 Associated Exhibitions for Automatic Production and Assembly Line Techniques, Manufacturers of Material Handling Equipment and Metalworking and Craft Industries. 6-10 October 1979.

SINGAPORE: International Educational Aids and Stationery Fair. 18-21 October 1979.

BUDAPEST: 2nd International Exhibition of Environmental Protection (Proten Vita). 23-28 October 1979.

MELBOURNE: The Autralasian Micrographics Congress and Exhibition. October-November 1979.

HOUSTON: Coal Technology '79. 6-7 November 1979.

ESSEN: International Dog Show. 10-11 November 1979.

BERLIN: Hobbies, Pets and Plants. 21-25 November 1979.

LISBON: 1st International Salon for the promotion of development of Iberian Trade, Portuguese and Spanish joint venture design, equipment, economy, tourist trade etc., (Iberica '79). 4-9 December 1979.

PARIS: International Entertainment Technology and Leisure Equipment Exhibition (Forainexpo – Amusexpo). 11-14 December 1979.

1980

MOSCOW: Elevators in Buildings and Equipment for them. 5-14 February 1980.

ESSEN: International Exhibition for Metalworking Equipment (Fametа '80). 7-12 February 1980.

DUBAI: Spring Fair. 28 February-12 March 1980.

BASLE: 5th International Fair for Mechanical Handling (IFM '80). 4-12 March 1980.

BORDEAUX: Oceanexpo. March 1980.

ESSEN: Convention and Cycle Made Exhibition. 17-18 March 1980.

PARIS: International Exhibition of Advance Transported Systems (Transportexpo). 15-19 April 1980.

ST LOUIS: American Foundrymen's Society Casting Congress and Exposition. 21-25 April 1980.

AMSTERDAM: International Safety Exhibition and 9th World Congress. 6-9 May 1980.

SINGAPORE: International Mining, Tunnelling and Quarrying Exhibition. 26-30 May 1980.

CAPE TOWN: Design for Living Exhibition. 30 May-7 June 1980.

JOHANNESBURG: International Training and Education Exhibition and Symposium (Instructa). 7-11 July 1980.

STUTTGART: 5th International Trade Exhibition for Home Improvement Supplies (DIY '80). 10-14 September 1980.

GENEVA: The International Exposition (Anti-Terreur). 26-29 September 1980.

STUTTGART: International Trade Exhibition for Swimming Pools, Health and Medical Baths and Saunas (Interbad '80). 8-12 October 1980.

POZNAN: International Exhibition of School Equipment (Educacja). 12-17 October 1980.

CAIRO: International Educational Fair (Didarabia). October 1980.

PARIS: Do-it-Yourself Exhibition (Bricolage). November 1980.

ESSEN: International Dog Show. 15-16 November 1980.

MOSCOW: Equipment, Devices and Instruments used in Geology, Geophysics and Cartography. 25 November-4 December 1980.

5 UK FAIRS

UK fairs: general inquiries contact 01-248 5757 ext. 7109.

* Event held annually at approximately the time stated.

† Event held in alternate years at approximately the time stated.

Agriculture, forestry, fishing and agricultural machinery

1979

KENILWORTH: Dairy Farming Event '79. 19-20 September 1979. At National Agricultural Centre. * Apply Royal Association of British Dairy Farmers, Robarts House, Rossmore Road, London NWL 6NP (01-723 8021).

LONDON: Royal Smithfield Show and Agricultural Machinery Exhibition. 3-7 December 1979. At Earls Court. * Apply Smithfield Show Joint Committee, S.M.M.T., 21-24 Grosvenor Place, London SW1X 7JF (01-235 7000).

1980

STOKE MANDEVILLE: European Poultry Fair. 21-22 May 1980. At BOCM Silcock's Development Farm. * Apply BOCM Silcock Ltd, Development Farm, Risborough Road, Stoke Mandeville, Nr Aylesbury, Bucks HP22 5XW (Aylesbury (0296) 61 2661).

SHEPTON MALLET: Royal Bath and West Show. 28-31 May 1980. At The Showground. * Apply Royal Bath and West and Southern Counties Society, The Showground, Shepton Mallet, Somerset BA4 6QN (Shepton Mallet (0749) 3366).

MALVERN: Three Counties Agricultural Show. 10-12 June 1980. At Showground. * Apply Three Counties Agricultural Society, Permanent Showground, Malvern, Worcs WR13 6NW (Malvern 61731).

NORWICH: Royal Norfolk Show. 25-26 June 1980. At the Showground. * Apply Royal Norfolk Agricultural Association, Showground, Dereham Road, New Costessey, Norwich, Norfolk NR5 0TT (Norwich (0603) 742000).

KENILWORTH: Royal International Agricultural Show. 30 June-3 July 1980. At Royal Showground. * Apply Royal Agricultural Society of England, National Agricultural Centre, Royal Showground, Stoneleigh, Kenilworth, Warwicks. CV8 2LZ (Coventry (0203) 56151).

HARROGATE: Great Yorkshire Show. 8-10 July 1980. At Great Yorkshire Showground. * Apply Yorkshire Agricultural Society, Hookstone Oval, Harrogate, North Yorkshire HG2 8PW (Harrogate (0423) 61536).

BUILTH WELLS: Royal Welsh Show. 22-24 July 1980. At Showground Llanelwedd. * Apply Royal Welsh Agricultural Society Ltd., Llanelwedd, Builth Wells, Powys LD2 3SY (Builth Wells (09822) 3683).

Aircraft and aeronautical equipment

1980

FARNBOROUGH: International Air Show & Flying Display. 1-7 September 1980. **Note 1-4 September TRADE ONLY.** At Royal Aircraft Establishment. * Apply Society of British Aerospace Companies Ltd., 29 King Street, St James's, London SW1Y 6RD (01-839 3231).

Books and periodicals

1979

LONDON: The London Book Air. 8-9 October 1979. At Grosvenor House Hotel. * Apply Exhibition Manager, London Book Fair, 16 Pembridge Road, London W11 3HL (01-229 1825).

Building, public works and construction equipment

1979

BIRMINGHAM: INTERBUILD (38th International Building and Construction Exhibition). 2-8 December 1979. At National Exhibition Centre. * Apply The Building Trades Exhibition Ltd, 11 Manchester Square, London W1M 5AB (01-486 1951).

1980

GLASGOW: SCOTBUILD (Scottish Building and Public Works Exhibition). 24-28 March 1980. At Kelvin Hall. † Apply Scottish Industrial and Trade Exhibitions Ltd, 24 Hartington Place, Edinburgh EH10 4LE (Edinburgh (031) 229 6412).

HATFIELD: SED (Site Equipment Demonstration). 22-24 April 1980. At Hatfield Demonstration Site. * Apply IPC Building and Contract Journals Ltd, Surrey House, 1 Throwley Way, Sutton, Surrey SMI 4QQ (01-643 8040).

LONDON: The London Building Products and Services Exhibition. 15-19 June 1980. At Olympia. * Apply Westbourne Exhibitions Ltd, Crown House, Morden, Surrey SM4 5EB (01-540 1101).

1981

BIRMINGHAM: INTERNATIONAL CONSTRUCTION EQUIPMENT '81 (Public Works and Municipal Services Congress and Exhibition.) 23-28 February 1981. At National Exhibition Centre. * Apply Brintex Exhibitions Ltd, 178-202 Great Portland Street, London W1N 6NH (01-637 2400).

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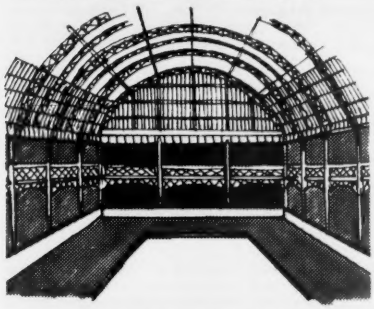

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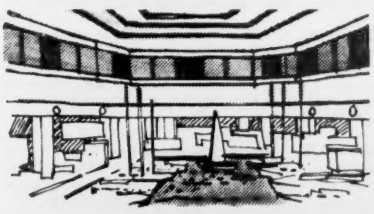

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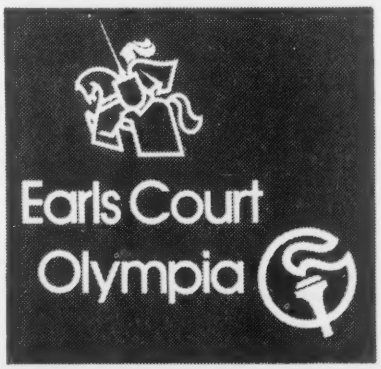

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5 UK FAIRS

Chemicals and allied industries, including plastics

1980

BRIGHTON: INTERPHEX (International Exhibition for the Pharmaceutical, Cosmetics, Toiletry, Perfumery and Allied Industries). 10-13 June 1980. At Metropole Exhibition Centre. † Apply BPS Exhibitions Ltd, 18 Marine Parade, Brighton BN2 1TL, Sussex (Brighton (0273) 698281).

BIRMINGHAM: EUROCHEM (International Chemical and Process Engineering Show and Conference). 23-27 June 1980. At National Exhibition Centre. • Apply Clapp and Poliak Europe Ltd, 232 Acton Lane, London W4 5DL (01-995 4806).

Clothing

1979

LONDON: MAB International Menswear Fair. 16-19 September 1979. At Earls Court. • Apply MAB International Menswear Fair Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

LONDON: 55th Junior Fashion Fair. 14-18 October 1979. At Westminster Exhibition Centre. • Apply National Children's Wear Association, 40-42 Oxford Street, London W1N 9FJ (01-636 1833/4).

LONDON: The London Collections. 15-19 October 1979. At Hotel Inter-Continental. • Apply Fashion Promotions, 32/34 Wellington Street, London WC2E 7BD (01-836 7342).

LONDON: London Fashion Exhibition. 17-20 October 1979. At Olympia. • Apply Philbeach Events Ltd, Earls Court Exhibition Centre, Warwick Road, London SW5 9TA (01-385 1200).

LONDON: The London Designer Collections. 18-21 October 1979. At Inn-on-the-Park Hotel. • Apply London Designer Collections, 36 Beauchamp Place, London SW3 1NU (01-581 2931).

1980

LONDON: IMBEX (International Men's and Boys' Wear Exhibition). 17-21 February 1980. At Earls Court. • Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

LONDON: The BMG Collections in London. 18-20 February 1980. At Hilton Hotel. • Apply British Menswear Guild, 16/21 Sackville Street, London W1X 1DE (01-434 1894).

Display and shop equipment

1980

LONDON: SHOPEX (International Self-Service Display Equipment and Shopfitting Exhibition). 18-22 May 1980. At Olympia. • Apply Westbourne Exhibitions Ltd, Crown House, London Road, Morden, Surrey SM4 5EB (01-540 1101).

Engineering, electrical and electronic, including radio and television

1979

LONDON: Control and Instrumentation Exhibition. 11-13 September 1979. At West Centre Hotel. † Apply Morgen-Grampian Ltd, 30 Calderwood Street, London SE18 6QH (01-855 7777).

BRIGHTON: Microwave '79 Exhibition and 9th European Microwave Conference. 17-20 September 1979. At The Brighton Centre. † Apply Microwave Exhibitions and Publishers Ltd, Temple House, 36 High Street, Sevenoaks, Kent TN13 1JG (Sevenoaks (0732) 59533).

LONDON: High Fidelity '79 Autumn Exhibition. 26-30 September 1979. At Cunard International Hotel, Hammersmith. • Apply Emberworth Ltd, London House, Oxford Road, Stokenchurch, Bucks HP14 3SX (Radnage (024 026) 2674).

BRIGHTON: INTERNEPCON/UK '79. 16-18 October 1979. At Metropole Exhibition Centre. **NOTE CORRECT DATES.** • Apply Kiver Communications Ltd, Millbank House, 171–185 Ewell Road, Surbiton, Surrey KT6 6AX (01-390 0281).

LONDON: COMPEC '79 (Computer Peripheral and Small Computer Systems Exhibition and Conference. 6-8 November 1979. At Olympia. • Apply Iliffe Promotions Ltd, Dorset House, Stamford Street, London SE1 9LU (01-261 8000).

LONDON: ELECTRONICS '79 (Electronic Components Industry Fair). 20-23 November 1979. At Olympia. • Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

1980

BIRMINGHAM: IDEA (International Domestic Electrical Appliances Trade Fair). 15-17 January 1980. At National Exhibition Centre. • Apply Montbuild Ltd, 11 Manchester Square, London W1M 5AB (01-486 1951).

BRIGHTON: LIGHTSHOW '80. 20-24 January 1980. At Metropole Exhibition Centre. • Apply Decorative Lighting Association Ltd, Moelfre, Anglesey LL72 8LN (Moelfre (024 888) 396).

BIRMINGHAM: IEA/ELECTREX (International Electrical Electronic and Instrument Exhibition). 25-29 February 1980. At National Exhibition Centre. † Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

BIRMINGHAM: COMMUNICATIONS '80 (Communications Equipment and Systems Exhibition). 15-18 April 1980. At National Exhibition Centre. • Apply Tony Davies Communications, c/o Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

LONDON: Audio Visual '80 Exhibition and Conference. 28 April-1 May 1980. At Wembley Conference Centre. • Apply Maclaren Exhibitions Ltd, Davis House, P.O. Box 109, 69-77 High Street, Croydon, Surrey CR9 1QH (01-688 7788).

LONDON: APRS 80 (International Exhibition of Professional Recording Equipment). 19-21 June 1980. At Connaught Rooms, Great Queen Street, Kingsway. • Apply Association of Professional Recording Studios Ltd, 23 Chestnut Avenue, Chorleywood, Herts WD3 4HA (Rickmansworth (09237) 72907).

BRIGHTON: IBC '80 (International Broadcasting Convention). 20-24 September 1980. At Metropole Exhibition Centre. † Apply The Publicity Officer, Electronic Engineering Association, Leicester House, 8 Leicester Street, London WC2 7BN (01-437 0678).

Engineering, other

1979

BIRMINGHAM: WELDEX (International Welding, Cutting and Metal Fabrication Exhibition). 24-28 September 1979. At National Exhibition Centre. Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

BIRMINGHAM: Design Engineering Show and Conference. 22-26 October 1979. At National Exhibition Centre. • Apply Clapp and Poliak Europe Ltd, 232 Acton Lane, London W4 5DL (01-995 4806).

BIRMINGHAM: PEMEC (Factory Management Show and Conference). 22-26 October 1979. At National Exhibition Centre. • Apply Clapp and Poliak Europe Ltd, 232 Acton Lane, London W4 5DL (01-995 4806).

1980

BIRMINGHAM: IPHEX (International Pneumatics and Hydraulics Exhibition incorporating Compressors and Power Transmission Equipment). 25-29 February 1980. At National Exhibition Centre. † Apply Industrial and Trades Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

BIRMINGHAM: MACH '80 (International Exhibition of Machine Tools, Gauges and Tooling). 22 April-2 May 1980. At National Exhibition Centre. Apply Machine Tool Trades Association, 62 Bayswater Road, London W2 3PH (01-402 6674).

BIRMINGHAM: SUBCON (Exhibition for the Subcontracting Industries). 28 April-2 May 1980. At National Exhibition Centre. † Apply Interbuild Ltd, 11 Manchester Square, London W1M 5AB (01-486 1951).

BIRMINGHAM: Furnaces, Refractories, Heat Treatment and Fuel Economy Exhibition. 6-10 October 1980. At National Exhibition Centre. † Apply International Symposia and Exhibitions Ltd, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS (Redhill (0737) 68611).

BIRMINGHAM: International Materials Handling Exhibition. 2-7 June 1980. At National Exhibition Centre. Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

STAFFORD: INTERCERAMEX '80 (International Ceramic Plant, Machinery and Materials Exhibition). 22-26 September 1980. At Bingley Hall. † Apply INTERCERAMEX '80, PO Box 9, Sunbury, Middlesex (Walton-on-Thames 28597).

1981

BIRMINGHAM: INSPEX '81 (International Engineering Inspection and Quality Control Exhibition). 16-20 March 1981. † Apply BCE (Inspex) Ltd, 153 St Pauls Wood Hill, Orpington, Kent BR5 2SR (01-300 3200).

BIRMINGHAM: FOUNDRY '81 International Exhibition. 19-27 March 1981. At National Exhibition Centre. Apply International Symposia and Exhibitions Ltd, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS (Redhill (0737) 68611).

Foodstuffs, food machinery, hotel and catering equipment

1979

LONDON: Frozen Foods and Freezer Festival. 30 September-3 October 1979. At West Centre Hotel. • Apply Eagle Exhibition Consultants Ltd, Ludgate House, 110 Fleet Street, London EC4Y 8EB (01-353 4885).

1980

LONDON: HOTELYMPIA '80 (International Hotel and Catering Exhibition). 23-30 January 1980. At Olympia. † Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

BIRMINGHAM: NALVEX (National Licensed Victuallers and Caterers Exhibition). 12-15 May 1980. At National Exhibition Centre. • Apply L. V. Exhibitions, Morning Advertiser, 57 Effra Road, London, SW2 1DA (01-733 3186).

Footwear

1979

LONDON: British International Footwear Fair – London. 30 September-3 October 1979. At Olympia. • Apply Shoe and Leather News (Exhibitions); Ltd, 84-88 Great Eastern Street, London EC2A 3ED (01-739 3817).

1980

BLACKPOOL: International Slipper Fair. 20-22 January 1980. At Winter Gardens. • Apply Shoe and Leather News (Exhibitions) Ltd, 84-88 Great Eastern Street, London EC2A 3ED (01-739 3817).

Furniture, furnishings, household equipment and hardware

1979

HARROGATE: International Carpet Fair. 4-7 September 1979. At Exhibition Centre. • Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Brimingham (021) 705 6707).

BIRMINGHAM: HOMES '79 Exhibition. 20 September-6 October 1979. At National Exhibition Centre (**Formerly known as Birmingham International Ideal Homes Show**). • Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

BIRMINGHAM: International Furniture Show. 13-18 November 1979. NOTE: 13-15 NOVEMBER TRADE/PRESS ONLY. At National Exhibition Centre. • Apply BFM Exhibitions Ltd, 30 Harcourt Street, London W1H 2AA (01-724 0851).

1980

BIRMINGHAM: International Spring Fair. 3-7 February 1980. At National Exhibition Centre. • Apply British Hardware Promotion Council Ltd, Turret House, Station Road, Amersham, Bucks HP7 0AB (Amersham (02403) 21431).

BRIGHTON: INFEX '80 (International Floorcoverings Exhibition). 4-7 February 1980. At Metropole Exhibition Centre. • Apply Norcro Exhibitions Ltd, 30 Southgate, Chichester, Sussex PO19 1DA (Chichester (0243) 88423).

LONDON: Interior Design International Show. 2-6 March Apply BPS Exhibitions Ltd, 18 Marine Parade, Brighton BN2 1TL, Sussex (Brighton (0273) 698281).

LONDON: London Furniture Show. 27-30 May 1980. At Earls Court. * Apply Philbeach Events Ltd, Earls Court Exhibition Centre, Warwick Road, London SW5 9TA (01-385 1200).

Gas and oil extraction and distribution including offshore activities

1979

ABERDEEN: Offshore Europe '79 Exhibition. 3-7 September 1979. At Bridge of Don Showground. † Apply Spearhead Exhibitions Ltd, Rowe House, 55/59 Fife Road, Kingston-upon-Thames, Surrey KT1 1TA (01-549 5831).

1980

BRIGHTON: OI '80 (Oceanology International). 3-7 March 1980. At Metropole Exhibition Centre and Brighton Centre. Apply BPS Exhibitions Ltd, 18 Marine Parade, Brighton BN2 1TL, Sussex (Brighton (0273) 698281).

Heating and ventilating

1980

BIRMINGHAM: HEVAC (International Heating, Ventilating and Air Conditioning Exhibition). 19-23 May 1980. At National Exhibition Centre. † Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

Horticulture and horticultural equipment

1979.

NEW MALDEN: International Groundsmans Exhibition. 11-13 September 1979. At Motspur Park. * Apply Institute of Groundsmanship, 108a Chessington Rd, West Ewell, Surrey KT19 9UR (01-393 8027).

BIRMINGHAM: GLEE (International Garden and Leisure Exhibition). 7-10 October 1979. At National Exhibition Centre. * Apply Inter Garden Promotions Ltd, 11-14 Gough House, 57 Eden Street, Kingston upon Thames, Surrey (01-546 6309).

Hospital, medical, surgical and dental equipment

1979

LONDON: NAIDEX '79 (National Aids for the Disabled Exhibition). 20-23 November 1979. At Wembley Conference Centre. * Apply Naidex Conventions Ltd, Temple House, 36 High Street, Sevenoaks, Kent TN13 1JG (Sevenoaks (0732) 59533).

1980

LONDON: British Hospitals and Medical Exhibition. 3-6 June 1980. At Olympia. † Apply Fairs and Exhibitions Ltd, 21 Park Square East, Regents Park, London NW1 4LH (01-935 8200).

Jewellery and giftware

1979

LONDON: International Gifts Fair. 29 July-2 August 1979. At Olympia. * Apply Trade Promotion Services Ltd, Exhibition House, 6 Warren Lane, Woolwich, London SE18 6BW (01-855 9201).

EDINBURGH: Scottish Crafts Trade Fair. 2-4 October 1979. At Ingliston Showground. * Apply Scottish Development Agency, 102 Telford Road, Edinburgh EH4 2NP (Edinburgh (031) 343 1911).

LLANDRINDOD WELLS: The Welsh Fair. 21-23 October 1979. At Hotel Metropole. * Apply Wales Craft Council, Box 8, Ladywell House, Newton, Powys. (Newton (0686) 27273).

AVIEMORE: Highland Trade Fair. 23-25 October 1979. At Aviemore Centre. * Apply Highlands and Islands Development Board, Bridge House, 27 Bank Street, Inverness IV1 1QR (Inverness (0463) 34171).

LONDON: Wholesale Buyer's Gifts Fair. 25-29 November 1979. At Mount Royal and Mostyn Hotels. * Apply Trade Promotion Services Ltd, Exhibition House, 6 Warren Lane, Woolwich, London SE18 6BW (01-855 9201).

1980

BIRMINGHAM: International Spring Fair. 3-7 February 1980. At National Exhibition Centre. * Apply Trade Promotion Services Ltd, Exhibition House, 6 Warren Lane, London SW18 6BW (01-855 9201).

LONDON: Annual British Exhibition of Fine Jewellery and Sterling Silver. 23-27 March 1980. At Goldsmith's Hall, Foster Lane. * Apply Exhibition Administration Offices, c/o Condor Public Relations Ltd, 299 Oxford Street, London W1R 1LA (01-499 7324).

Leather, leather goods

1980

BIRMINGHAM: Leather and Associated Trades Show. 15-17 April 1980. At National Exhibition Centre. * Apply The Leather Institute. Leather Trade House, 9 St Thomas Street, London SE1 9SA (01-407 1582).

Motor vehicles, motor cycles and cycles

1979

LONDON: Motor Cycle Show. 25 August-1 September 1979. At Earls Court. * Apply Motor Cycle Association of Great Britain Ltd, Starley House, Eaton Road, Coventry CV1 2FH, Warwicks (Coventry (0203) 27427).

LONDON: AUTOPARTAC '79 (International Automotive Parts and Accessories Trade Show). 20-24 October 1979. At West Centre Hotel. * Apply Auto Accessory Retailer, PO Box 4, 22a London End, Beaconsfield, Bucks HP9 2JQ (Beaconsfield 71246).

1980

LONDON: Racing and Sporting Motorcycle Show. 5-12 January 1980. At Westminster Exhibition Centre. * Apply Herbert Daniel (Holdings) Ltd, 19 Compton Terrace, London N1 1RY (01-226 7901).

LONDON: AUTOQUIP Exhibition. 2-6 March 1980. At Wembley Conference Centre. * Apply S.M.M.T. Ltd, Exhibition Department, 21-24 Grosvenor Place, London SW1X 7JF (01-235 7000).

LONDON: DRIVE ELECTRIC '80 International Conference and Exhibition. 14-17 October 1980. At Wembley Conference Centre. Apply Drive Electric '80, The Electricity Council, 30 Millbank, London SW1P 4RD (01-834 2333).

Music and musical instruments

1979

LONDON: British Musical Instrument Trade Fair. 27 July-1 August 1979. NOTE: 29 JULY-1 AUGUST TRADE ONLY. At Olympia. * Apply Association of Musical Instrument Industries, 62 Park View, Hatch End, Pinner, Middlesex HA5 4LN (01-428 4700).

Office machinery and equipment

1979

BIRMINGHAM: International Business Show. 23 October-1 November 1979. At National Exhibition Centre. † Apply Business Equipment Trade Association, 109 Kingsway, London WC2B 6PU (01-405 6233).

Packaging machinery and materials, including containers

1979

LONDON: FIE FOODPACK (11th International Food Industries Exhibition). 20-23 November 1979. At Olympia. Apply BPS Exhibitions Ltd, 18 Marine Parade, Brighton BN2 1TL, Sussex (Brighton (0273) 698281).

1980

BIRMINGHAM: BREWEX '80 (International Brewing, Bottling and Allied Trades Exhibition). 17-21 March 1980. At National Exhibition Centre. Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021)-705 6707).

BIRMINGHAM: PAKEX '80 (International Packaging Exhibition). 17-21 March 1980. At National Exhibition Centre. Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

Photographic equipment

1979

LONDON: Photolab Expo '79. 5-8 November 1979. At Alexandra Palace. † Apply Association of Photographic Laboratories, 50 Great Russell Street, London WC1B 3BA (01-405 2762).

Printing, stationery and printing machinery

1980

LONDON: STATINDEX 1980 (British Stationery Show). 13-16 January 1980. At Grosvenor House. * Apply British Stationery and Office Products Federation, 6 Wimpole Street, London W1M 8AS. (01-580 9256).

BIRMINGHAM: IPEX '80 (International Printing Machinery and Allied Trades Exhibition). 11-19 September 1980. At National Exhibition Centre. Apply Industrial and Trade Fairs Ltd, Radcliffe House, Blenheim Court, Solihull, West Midlands B91 2BG (Birmingham (021) 705 6707).

Scientific instruments and nuclear equipment

1980

LONDON: LABWARE '80 (Laboratory Equipment Exhibition). 22-24 April 1980. At Westminster Exhibition Centre. † Apply Labware Promotions Ltd, 28 Worple Road, Wimbledon, London SW19 4EE (01-947 5733).

Ships and boats

1979

SOUTHAMPTON: International Boat Show. 17-22 September 1979. At Mayflower Park. * Apply Artman Exhibitions, Exmoor House, Methuen Street, Southampton SO2 0FQ (Southampton (0703) 32348).

1980

LONDON: International Boat Show. 3-14 January 1980. NOTE: TRADE/PRESS DAY 2 January. At Earls Court. * Apply: National Boat Shows Ltd, Boating Industry House, Vale Road, Oatlands, Weybridge, Surrey KT13 9NS (Weybridge (0932) 54511).

LONDON: International Boat Show. 3-13 January 1980. NOTE: TRADE/PRESS DAY **2 January.** At Earls Court. † Apply: National Boat Shows Ltd, Boating Industry House, Vale Road, Oatlands, Weybridge, Surrey KT13 9NS (Weybridge (0932) 54511).

BIRMINGHAM: Boat and Leisure Show. 16-24 February 1980. At National Exhibition Centre. * Apply The Birmingham Boat Shows Ltd, 28 Colmore Circus, Birmingham B4 6AX. West Midlands (Birmingham (021) 236 3366).

ABERDEEN: CATCH '80 (International Fisheries and Marine Equipment Exhibition). 25-28 June 1980. At Queens Links. † Apply Eagle Exhibition Consultants Ltd, Ludgate House, 110 Fleet Street, London EC4A 2JL (01-353 4885).

Sports goods and camping equipment including caravans

1979

BIRMINGHAM: ISLE (International Sports and Leisure Exhibition.) 30 September-3 October 1979. At National Exhibition Centre. * Apply British Sports and Allied Trades Federation Ltd, 7/9 Swallow Street, London W1 (01-437 7281).

LONDON: Caravan Camping Holiday Show. 9-19 November 1979. At Earls Court. * Apply Angex Ltd, Temple House, Temple Avenue, London EC4Y 0JA (01-353 4000).

5 UK FAIRS

1980

LONDON: 22nd Annual Camping, Outdoor Holiday Exhibition and Motor Caravan Show. 28 December 1979-6 January 1980. At Olympia. • Apply Trades Exhibitions Ltd, Exhibition House, Spring Street, London W2 3RA (01-262 2886).

Textiles and textile machinery

1979

BIRMINGHAM: DACTEX (International Domestic and Contract Textiles Exhibition). 11-15 November 1979. At National Exhibition Centre. • Apply Exhibition Managements Ltd, Unit 2, Central Park Estate, Staines Road, Hounslow TW4 5DT (01-572 2121).

1980

MANCHESTER: KNITSEW (National Knitting and Sewing Trades Show). 24-27 February 1980. At Belle Vue. • Apply Exhibitions for Industry Ltd, 157 Station Road East, Oxted, Surrey RH1 0QF (Oxted (08833) 4371).

Toys and games

1979

LONDON: International Craft and Hobby Fair. 19-23 August 1979. At Wembley Conference Centre. • Apply International Craft and Hobby Fair Ltd, 3 Rothesay Drive, Highcliffe, Christchurch, Dorset BH23 4LB (Highcliffe (042 52) 72711).

1980

HARROGATE: 31st Harrogate International Toy Fair. 12-17 January 1980. At Exhibition Centre and major hotels. • Apply Harrogate International Toy Fair Ltd, 8/9 Upper Street, Islington, London N1 0PP (01-226 6653).

LONDON: British Toy and Hobby Fair. 26-30 January 1980. At Earls Court. • Apply British Toy Fairs (International) Ltd, 80 Camberwell Road, London SE5 0EG (01-701 7127).

BRIGHTON: Brighton Toy Fair. 2-5 March 1980. At The Brighton Centre. • Apply Toy Fairs (Southern) Ltd, 3 Rothesay Drive, Highcliffe, Christchurch, Dorset BH23 4LB (Highcliffe (042 52) 72711).

Watches and clocks

1979

LONDON: International Watch and Jewellery Trade Fair. 2-6 September 1979. At Earls Court. • Apply Iliffe Promotions Ltd, Dorset House, Stamford Street, London SE1 9LU (01-261 8000).

Water, effluent and air treatment plant including anti-pollution, cleaning and refuse disposal equipment

1979

LONDON: DUSTEX '79 (Dust Control, Air Filtration and Gas Cleaning Exhibition). 17-20 September 1979. At Olympia. † Apply Technology Exhibitions Ltd, 1 Katharine Street, Croydon, Surrey CR9 1LB (01-686 6339).

LONDON: FILTECH '79 (International Filtration and Separation Exhibition). 17-20 September 1979. At Olympia. † Apply Filtech Exhibitions Ltd, 1 Katharine Street, Croydon, Surrey CR9 1LB (01-686 6339).

1980

LONDON: ISWA (International World Waste Congress). 16-20 June 1980. At Wembley Conference Centre. Apply Institute of Solid Waste Management, 28 Portland Place, London WIN 4DE (01-580 5324).

Other specialised fairs

1979

HARROGATE: Northern Antique Dealers Fair. 13-20 September 1979. At Royal Baths Assembly Rooms. • Apply Northern Antique Dealers' Fair Ltd, 4 Corn Mill, Bradford Road, Menston, Ilkley LS29 6BY, Yorkshire (Menston 73964).

BRIGHTON: FIRETECH '79 (International Fire Protection and Control Exhibition and Conference). 18-21 September 1979. At Metropole Exhibition Centre. † Apply Brintex Exhibitions Ltd, 178-202 Great Portland Street, London W1N 6NH (01-637 2400).

LONDON: SALON '79 (Hair and Beauty Trade Fair). 6-9 October 1979. At Wembley Conference Centre. • Apply Iliffe Promotions Ltd, Dorset House, Stamford Street, London SE1 9LU (01-261 8000).

LONDON: British Philatelic Exhibition. 14-17 November 1979. At Wembley Conference Centre. • Apply The British Philatelic Exhibition Ltd, No. 1 Whitehall Place, London SW1A 2HE (01-839 2321).

1980

LONDON: Amusement Trades Exhibition. 29-31 January 1980. At Alexandra Palace. • Apply Amusement Trades Exhibitions Ltd, 122 Clapham Common North Side, London SW4 9SP (01-228 4107).

LONDON: STAMPEX 1980. 5-9 February 1980. At Westminster Exhibition Centre. • Apply Stampex Ltd, 27 John Adam Street, London WC2 6NH (01-930 6465).

LONDON: IFSSEC '80 (International Fire, Security and Safety Exhibition). 21-25 April 1980. At Olympia. • Apply Victor Green Publications Ltd, 106 Hampstead Road, London NW1 2LS (01-388 7661).

LONDON: Grosvenor House Antiques Fair. 11-21 June 1980. At Grosvenor House Hotel. • Apply Mrs. E. J. Dean, Grosvenor House Antiques Fair, Grosvenor House, Park Lane, London W1A 3AA (01-499 6363).

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ECGD: 60 years to its credit

Cecil Parkinson (left) with head of ECGD Ken Taylor outside ECGD's City headquarters.

This year the Export Credits Guarantee Department celebrates its sixtieth anniversary as a government department in the service of British exports. To mark the occasion Minister for Trade Cecil Parkinson looks back at its growth from a 'temporary experiment' in the aftermath of the first world war, to its establishment as the insurance backbone for one-third of British exports.

When one looks at ECGD today – with its international reputation; its countrywide organisation of 2000 staff; its record total of over 12 000 policyholders insuring over a third of all UK exports to a value of some £15,000 million a year; its support for export finance totalling some £4,000 million and its claims payments topping £100 million for the first time – it comes as a shock to learn of the department's modest, not to say shaky beginnings.

ECGD began life on 21 June, 1919 – in a few rooms hurriedly acquired at 73 Basinghall Street in the City of London. At that stage it was without its famous initials. Its status as an 'Export Credits Department' was that of a mere sub-department of the then Department of Overseas Trade. Its total staff – including three charwomen on '15s 6d per week, plus bonus' – numbered an inauspicious 13. And almost immediately it ran into difficulties.

The young department had been conceived 'as a temporary experiment' in the immediate aftermath of the first world war as an expression of the government's anxiety about unemployment and its desire to find work for the people by encouraging exports. Along with this desire was the need to assist the economic restoration of the smaller states in Europe badly hit by the war. To this end the department was empowered to grant credits and to undertake insurance 'for the purpose of re-establishing overseas trade'. And in this context 'credit' meant exactly what it said.

Under the 'advances scheme' the department made advances of cash to exporters. In effect, the department was acting as a sort of export bank. But not for long. It soon became clear that the scheme was not fulfilling expectations and even incurring heavy losses – some £1.1 million out of total advances of nearly £2 million. The advances scheme was wound up.

Parliamentary scrutiny

Although the department moved on from this early disappointment and began to develop the insurance guarantees (which were in time to give it the 'G' in its name) this early setback was for some years to engender a sceptical attitude towards the department. It was seen as being very much 'on probation' in those salad days, notably in parliament where it came under intense and often critical scrutiny. Indeed, in 1928 a select committee of the House of Commons, although acknowledging 'the great practical advantages of the department's facilities to the development of exports' observed ominously that its future 'should be carefully reviewed before September 1929'.

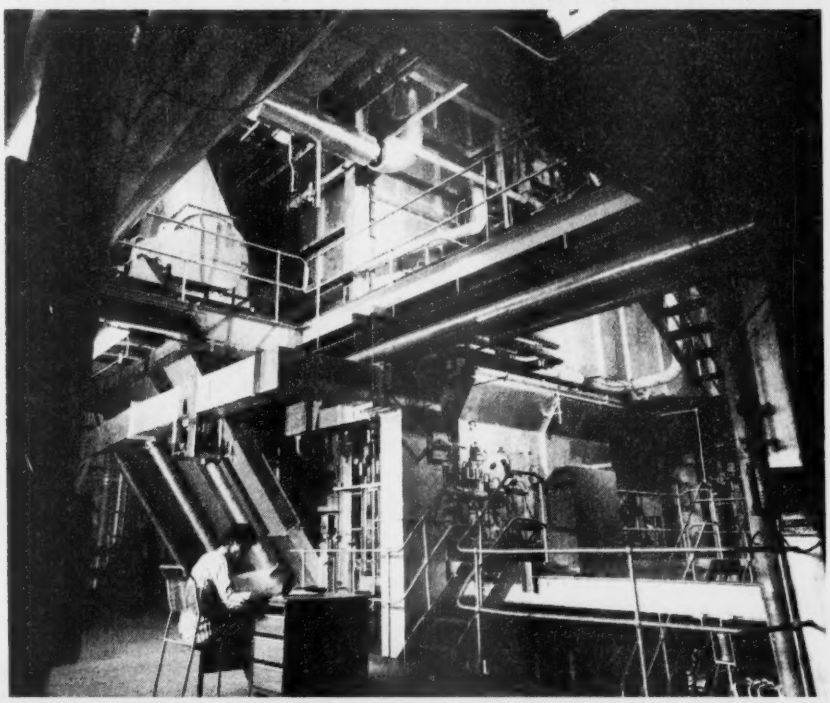
It was at this point in the story that, metaphorically speaking, the cavalry arrived: in the shape of the report of a committee under the chairmanship of Sir Otto Niemeyer. Sir Otto and his colleagues took a much more sanguine view of the department's earlier losses. Their report remarked, shrewdly, that 'the department has been conducting a series of experiments in a comparatively uncharted financial sphere' and added laconically, 'It has necessarily had to *buy* its experience'. The report went on to make a number of observations and recommendations about the department's future role which not only silenced the critics but laid solid foundations for ECGD's future development.

Commercial development

Throughout the 1930s and into the war years the department's services became better known and more valued by the exporting community and its officials became more and

continued on page 205

Hagar el Asalaya sugar factory in the White Nile Province of Sudan: one of two sugar factories built by Fletcher and Stewart of Derby in the Sudan, financed through a buyer-credit facility.



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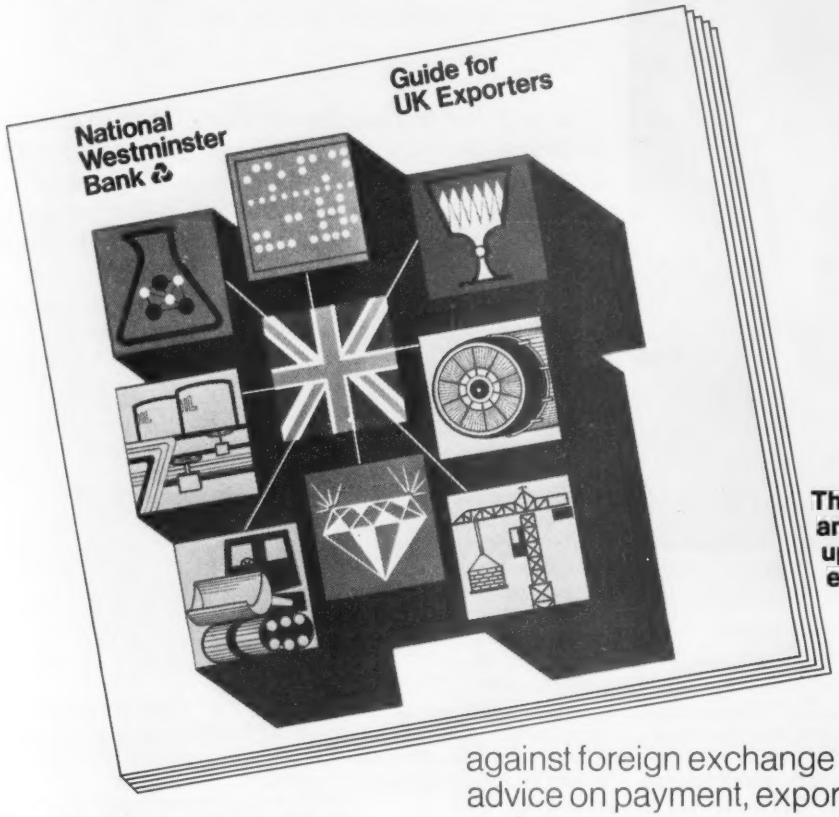

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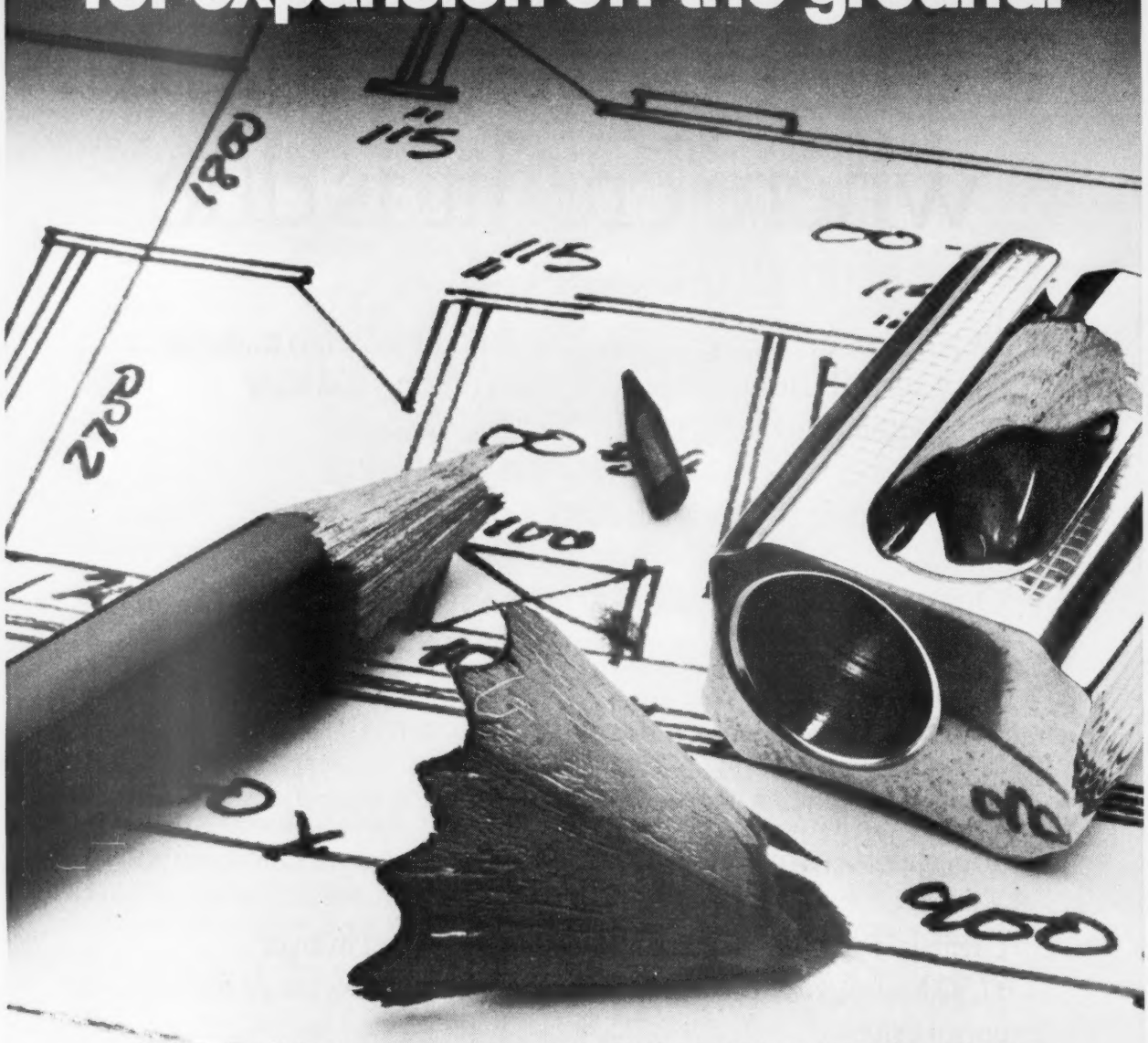

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76

more adept at spotting where the shoe was pinching and adjusting the 'fit' of its facilities accordingly. Among its other achievements, the Niemeyer committee had established the principle that ECGD should conduct its operations on a commercial basis. It was on this basis that ECGD became on 1 April 1930 a fully independent department – the 'Export Credits Guarantee Department' – and the basis on which it has continued to operate to this day, proudly carrying out its credit insurance functions 'at no net cost to public funds'.

The following year saw the introduction of the first 'insolvency' guarantees and the year after that the establishment of the all-important 'whole-turnover' principle; the device which was to play a decisive role in securing the solvency of the department and keeping its premiums low.

The 1930s also saw the development of the department's now well-established regional organisation – to bring its services to exporters nationwide – and, in 1934, the setting up of the Berne Union of credit insurers. ECGD was one of the four founder-members of what is now a major international forum with 26 member countries.

Then came the second world war and what has been called 'the drama of the arithmetic of ECGD's wartime experience' when the department achieved the not inconsiderable feat of improving and widening its cover as the risks it was insuring worsened!

Post-war growth

More creditable even than this, however, was the post-war growth of ECGD that was to begin from the early 1950s, as Britain was brought right up against the realities of a changed trading world. We had to face not only the strong re-emergence from the war of our old trading rivals but also the disappearance of many of our pre-war 'captive markets' as many of the newly independent countries began – more as a gesture of independence than a conscious commercial decision – to look elsewhere for their purchases. ECGD was ready to help exporters meet these changed conditions.

The department had earlier secured parliamentary authority to increase the liabilities it could assume up to £200 million – a figure that was to go on increasing over the years to its present gargantuan provision of £40,000 million for sterling plus SDR 25 000 million for foreign currency transactions. And, drawing upon the greatly enlarged and more sophisticated range of credit insurance techniques it had acquired during those challenging years of war, it set about its task with vigour.

The rest of the story will be familiar to many readers of *Trade and Industry*, but it remains an impressive one. The growth of ECGD's share of the market from 11 per cent of total UK exports in 1949–50 to over 33 per cent today; the increase in the department's 'business declared' from £260 million to over £14,000 million in the same period; the spiralling graph of claims payments – a vivid testimony to the truth that today exporting is not 'fun', if indeed it ever was. And overall, there was the cascade of new ECGD facilities or refinements of old ones that issued from the department as it strove to meet (and often to anticipate) the demands that Britain's exporters were to make upon it – whether for performance bond cover or pre-shipment finance; for consortium insurance or a speedier credit limit service.

Jubilee publication

I applaud EGCD's decision to mark its diamond jubilee by publishing a 'History of ECGD' (see page 208) – and I do so for two reasons. First, in a period when the civil service remains a much misunderstood – and allegedly over-secretivé – institution, it is salutary to find a part of that service sufficiently proud of its past and confident of its future to tell its story, triumphs and tribulations, in such a frank and detailed way.

Second, and more personally, the 'History' has enabled me to fill out my own knowledge of the earlier background of an organisation which until now I had known largely by the considerable reputation it had earned for itself in the post-war years.

For each of the three post-war decades the 'History' presents what it sees as the major influences and developments in export credit insurance and finance. Veterans in the business – and there are now many of them – will no doubt dispute the pecking order. Fortunately, I need not enter into the argument as I have space only to select what I see as the highlight of each of those decades.

The 1950s, for example, saw the introduction of the ECGD unconditional bank guarantee; a device which, as the 'History' puts it, 'was to be instrumental on a massive scale in the years ahead in helping to generate finance for exporters at favourable rates of interest'. It effectively marked the end of ECGD's role as

continued on page 208

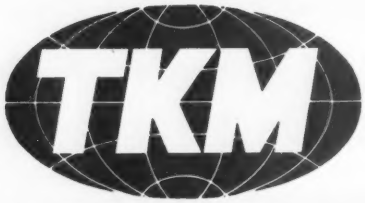
U.K. C.I.B.C.

The credit insurance brokers committee
of The British Insurance Brokers' Association
congratulates the
Export Credits Guarantee Department
on its 60th Anniversary.

B.I.B.A.

Fountain House, 130 Fenchurch Street, London EC3 5DJ. Tel. 01-623 9043
Chairman: Francis Perkins C.B.E.,D.S.C. Secretary: Alan Teale A.C.I.S.,A.C.I.I.,M.Inst Am

Congratulations to ECGD



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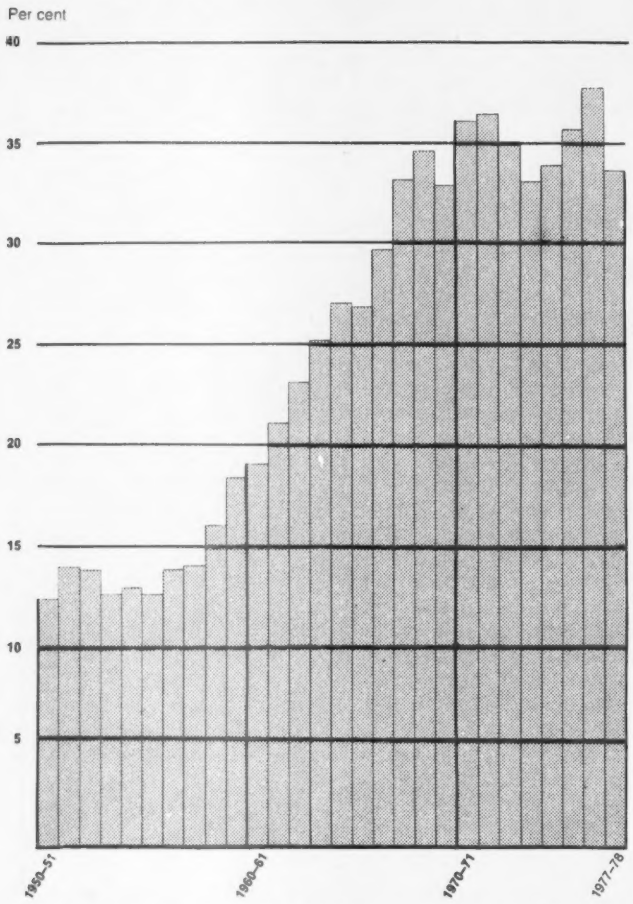
Business up . . .

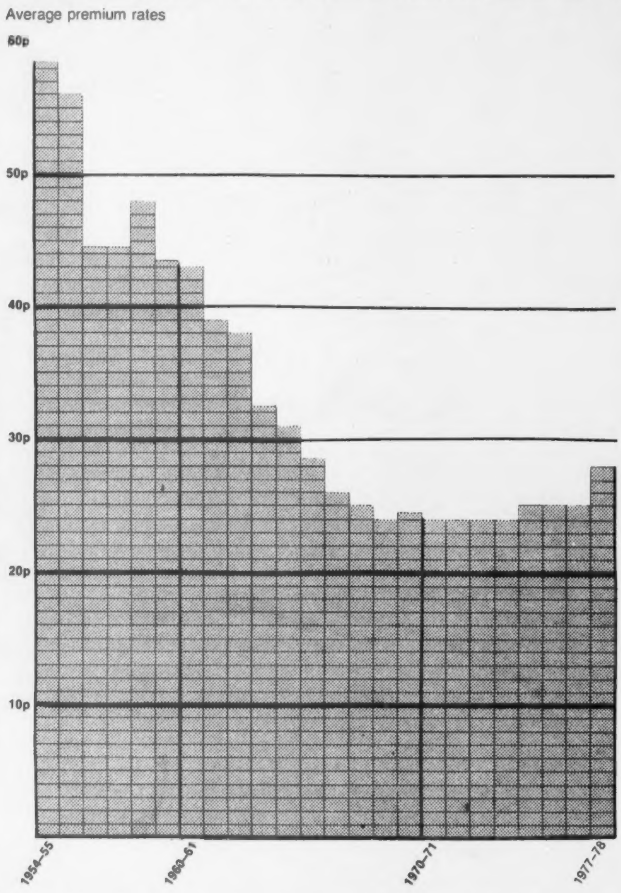
Proportion of UK exports insured by ECGD



costs down

Cost of short-term insurance

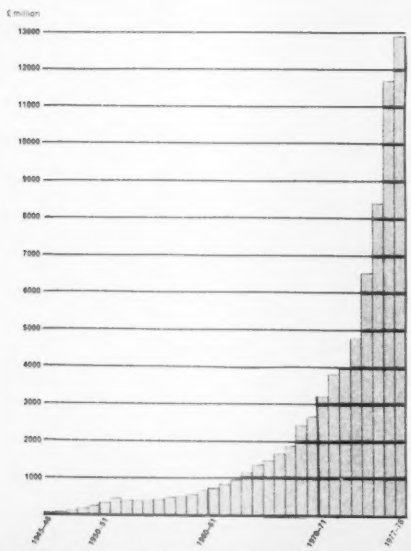
Short-term business on up to six months' credit 1954-55 to 1977-78



a purely insurance organisation and took it squarely into the world of finance.

The highlight of the 1960s was in my view the birth of the now ubiquitous 'buyer credit' guarantee, which has played such a decisive role in sustaining our capital goods exports and thus our major technologies.

Total ECGD export business declared



The 1970s will no doubt be remembered most of all for the introduction of the foreign currency financing scheme. After an initially cool reception it soon established itself as a permanent feature of the world of export financing and today has exports worth over 3000 million dollars – and some considerable savings in public expenditure – to its credit.

But by their very nature 'highlights' of this kind can be misleading, especially as the ones I have selected fall mostly in the 'heavy' end of exporting. The 'History' puts these matters firmly in perspective by reminding its readers that the great bulk of British exports (some 90 per cent) are sold on cash or short credit terms and that – true to form – this pattern has been faithfully reflected in ECGD's figures throughout its history. Indeed, today well over three-quarters of ECGD's business remains in this short-term field, covered by the familiar and all-embracing umbrella of the 'comprehensive short-term guarantee'.

Touching on these and many other developments in export credit insurance and finance, the 'History' pays in the process a handsome and deserved tribute to the Export Guarantees Advisory Council of bankers and industrialists, on whose wisdom and guidance the department has relied for all of its 60 years. 'This is a long-term and unrecoverable debt,' it says 'for which ECGD offers, not insurance, but gratitude'.

As the 'History' conveys, ECGD is an organisation which has over the years maintained a remarkable degree of flexibility in the way it has interpreted its role of insuring our exporters against the risks of trading overseas in an uncertain world. Clearly, this quality of adaptability was one of the factors which led to the sustained growth in the scale and sophistication of the department's facilities and has made it second-to-none among the world's export credit insurers.

How it all started

ECGD's development has been charted in a special booklet, 'A History of ECGD 1919–1979', which tells the story of department's evolution and of the growth of export credit insurance as a key factor in sustaining Britain's overseas trade.

Each chapter is divided into two self-contained parts: a narrative section which gives a general 'feel' of the main events in export credit insurance in each of the six decades of ECGD's history; and a summary section which presents in shopping list form details of the main ECGD facilities introduced in the period. The booklet ends with some useful appendices which include lists of key dates and sources of further information.

Copies are available free from Publicity Branch, ECGD, Aldermanbury House, Aldermanbury, London EC2P 2EL.

Congratulations to Export Credits Guarantee Department on the occasion of their 60th anniversary

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The constructive merchant bank

£10m line of credit for Soviet Union

THE Export Credits Guarantee Department has guaranteed a 10m line of credit which Morgan Grenfell, acting on its own behalf and for the Bank of Scotland and Moscow Narodny Bank, has made available to Vneshtorg bank, the Soviet bank for foreign trade.

The loan will help finance

LOANS FOR YUGOSLAVIA

Morgan Grenfell has signed a $5m loan guaranteed by Exports Credits Guarantee Department. Funds to be provided by Morgan Grenfell and the Tokai Bank.

Hungary £5m credit line

Morgan Grenfell has signed a new £5m line of credit with the National Bank of Hungary for the purpose of financing U.K. exports of capital goods and services. The loan agreement is guaranteed by the Export Credits Guarantee Department, and is the seventh consecutive "shopping basket" line arranged by Morgan Grenfell for the National Bank since 1970.

Morgan Grenfell first with £2m credit for Egypt

Morgan Grenfell has completed the first buyer credit guaranteed by the Export Credits Guarantee Department under the new fixed rate sterling refinance scheme. Morgan is providing a £2m credit line to the Bank of Alexandria of Egypt to finance purchases of British goods. Repayments will have to be within five years, and Morgan will provide all the funds itself with no element of refinancing.

$82m loan for Davy Soviet deal

Financial Times Reporter

THE Export Credits Guarantee Department has guaranteed a $82.45m loan which Morgan Grenfell, acting on its own behalf and for a syndicate of banks, has made available to the Soviet bank for foreign trade. The other banks in the syndicate are the Bank of Scotland and Moscow Narodny Bank.

The loan will help finance the $97m contract awarded to Davy International (Oil and Chemicals) by Techmashimport for the supply of an alpha-olefins plant to be built at Nishnekamsk with commissioning scheduled for late 1984.

Ray Perman adds: Seven pressure vessels, part of a £178m contract won by Davy International (Oil and Chemicals) to supply two methanol plants to the USSR, are waiting on barges in the Clyde for a Russian tug to tow them to Siberia. The order

New Acominas loan signed

Morgan Grenfell has signed a £13.7m loan to Aco Minas Gerais S.A.—Acominas—which will provide finance for a contract awarded to Davy Ashmore International. The contract is for the supply of structural steel and the supervision of erection of five mill buildings for the development of an integrated iron and steel works complex being undertaken by Acominas at Ouro Branco in the state of Minas Gerais, Brazil.

Redpath Dorman Long, a subsidiary of British Steel, is the nominated sub-contractor for the supply of the structural steel

Nigerian loan signed

A loan agreement was signed in London yesterday between Morgan Grenfell, West African Portland Cement, of Nigeria (WAPCO) and the ECGD.

The $22.5m loan, the repayment and funding of which is guaranteed by the ECGD, is to be used to provide finance for a major contract between WAPCO and F. L. Smidth for machinery and equipment for the extension to the cement works at Shagamu, in Ogun State.

The loan is repayable over eight years from estimated commissioning. The Blue Circle group who are shareholders in WAPCO have been appointed as technical consultants for the extension.

The loan is the first ECGD-backed buyer credit to a Nigerian borrower since 1970 and is the first UK export credit to Nigeria to be denominated in U.S. dollars.

For further information on Project Finance contact
Robert Owen, David Suratgar, Angus Dunn or Martin Knight

Morgan Grenfell & Co. Limited

23 Great Winchester Street, London EC2P 2AX
Telephone: 01-588 4545 Telex: 884335, 886815

Overseas trade exhibitions

Baton Rouge shows feature British engineering education

From Philip Johnson, British consulate-general, Houston

'Scarce resource allocations – engineering in the 80s' was an appropriate theme for the eighty-seventh annual conference of the American Society for Engineering Education because the petrol shortage affected the attendance figures.

Four British companies took part in this and the related seventeenth annual exhibit of educational resources, a small but highly specialised event aimed at engineering educators, in a joint venture sponsored by the British Overseas Trade Board and the British electrical and Allied Manufacturers Association.

Both events were held on the campus of the Louisiana State University at Baton Rouge on 24 to 27 June.

The conference drew participants from universities and technical colleges throughout the United States and most were professors and other senior staff. The exhibition visitors were therefore the end users and of very high quality. A number of visitors from Mexico were also present at this year's exhibition.

The four British companies displayed a wide range of sophisticated equipment for instructional laboratory work and the practical training of engineering students and technicians. The comment from P. A. Hilton Ltd that 'this is the only show in the United States and probably the world geared to engineering education' underlines its specialised nature. This was emphasised even more by the fact that of the 30 companies taking part about half were publishers. British equipment had therefore an important place to fill.

Companies such as Tecquipment Ltd and Feedback Instruments considered the market important enough to have opened up subsidiaries and P. A. Hilton Ltd and G. Cussons Ltd share the same United States distributor. All four companies regarded the exhibition as an important shop window at which many good inquiries were received. Though this is not normally an occasion to transact business, visitors from Mexico did place a £30,000 order with Feedback Ltd.

Modest success at Asian building show

From John Wilde, British High Commission, Singapore

Thirty-seven British companies showed their products at the second international exhibition of materials handling and construction machinery in Singapore from 25 to 29 June. Over half were in the official joint venture sponsored by the Birmingham Engineering and Building Centre and the British Overseas Trade Board. The UK contingent was by far the biggest national group.

The exhibition had a separate outdoor section of major items of capital plant and Leyland Vehicles, Coventry Climax and Lansing were prominent with their range of lifting and handling equipment.

On the inside exhibition DJB Ltd showed its mammoth DJB33 dump truck. Atlanta Engineering personnel were out in force to demonstrate their company's range of pumps and gensets. F. L. Douglas and Reliance-Mercury were both promoting their range of towing vehicles for ports and airports.

Among all this hardware, *Construction News* and Morgan-Grampian (Construction Press) showed the wider picture of the construction industry in Britain.

The exhibition attracted 10 000 visitors mainly from Singapore and the neighbouring countries, particularly Malaysia and Indonesia. Some exhibitors thought this number was a little disappointing but most felt the quality of inquiries was high

Overseas trade export services

Grimsby's new ro-ro terminal opens

Grimsby's third roll-on/roll-off terminal became operational on 19 July.

Costing more than £½ million pounds the terminal is designed to cater for both side port and lift-on operations in addition to stern ramp loading and discharge. It has a 30 m sheet piled concrete ramp, a 9000 m² fenced and illuminated marshalling area for handling unitised cargo including containers and a 3000 m² transit shed designed for ease of delivery to road transport.

Further information: circle 557

. . . and Southampton wins export vehicle traffic

Southampton has gained an important new export vehicle trade. ScanCarriers, which operates a fleet of large modern deep-sea roll-on/roll-off vessels, began making direct UK calls at Southampton on Friday, 13 July and loaded BL cars for Australia. The consignment included 100 Rovers, which are the first of this model ever to be exported by BL to overseas markets other than in Europe.

British Transport Docks Board is currently carrying out a £400,000 scheme in Southampton's eastern docks to resurface and equip seven hectares of land, specifically to provide improved facilities for vehicle handling.

Further information: circle 558

Overland to Lebanon

Middle east freight forwarder F. G. Hammond International is starting a new direct overland freighting service to Beirut, offering regular departures for full and part-load traffic.

Providing door-to-door delivery times of within 10 days on its new service, the Hornchurch, Essex, forwarder will use a full range of 12-m tilt trailers, flats and container vehicles as well as refrigerated vehicles.

Further information: circle 559

Schenkers starts groupage to Hong Kong

Schenkers UK has started a regular container groupage service to Hong Kong from the UK – based on conference lines – from its Charlton freight depot at London SE7 and Elmdon freight terminal at Birmingham.

Feeder facilities are available to shippers from Schenkers' offices in Manchester, Bradford, Bristol and Felixstowe.

Further information: circle 560

Giltspur launches express service to Italy

Giltspur Shipping, the surface freight division of Giltspur Bullens Freight Ltd, has started a new service for UK exporters in agreement with the Italian freight-forwarding company Franceso Baittiner which is based in Milan and Naples.

Giltspur Shipping is now operating a twice-weekly, express, door-to-door, driver accompanied groupage and full-load service, consolidating deliveries at Barking from Giltspur Shipping's Hull, Hinckley, Manchester and Bristol depots. The company is appointing a controller to be based at Barking to co-ordinate operations.

Groupage loads will be distributed throughout Italy by Francesco Baittiner's own distribution network and full loads will be delivered direct.

Further information: circle 561

Overseas trade country data

Afghanistan

Exit permits. The British embassy, Kabul, has advised that exit permits are now required for all types of visas.

Though tourists will only have their visas endorsed, businessmen should, preferably on arrival, take their passport to the Visa Section of the Police Department, Kabul Governor's Compound (Charai Sadarat Area) where they will obtain exit permits.

Australia

Tariff review. As part of the tariff review announced in *Trade and Industry*, 6 July, the Australian government has requested the Industries Assistance Commission to inquire into and report by 31 December 1981 (unless otherwise indicated) on the question whether assistance should be provided for the sector of industry concerned with the production in Australia of the following:

fresh berries (08.08); other fresh fruit (08.09); preserved fruit (08.10, 08.11 and 20.03); dried fruit (08.12); peel (08.13); flours of fruit (11.04.100); fruit, fruit peel and parts of plants (20.04); jams, jellies etc (20.05); fruit juices (20.07). Ginger (09.10.1 to 09.10.5); saps and extracts of gingerin (13.03.1); ginger peel (20.04.2) ginger in syrup (20.06.1). Macaroni, spaghetti etc (19.03); extracts, essences of coffee etc (21.02); sauces (21.04); soups and broths (21.05); other food preparations (21.07); enzymes (35.07). Cork and articles of cork (45.01 to 45.04). Floor and wall covering (39.01, 30.02, 39.07, 48.12, 59.02.9); linoleum (59.10). Musical instruments, parts and accessories (92.01, 92.08) – the reporting date for these items is 30 June 1980.

UK firms and trade associations intending to submit evidence at the public hearing, the date and location of which will be published as soon as they are known, should advise the Secretary, Industries Assistance Commission PO Box 80, Canberra, ACT 2600, Australia, without delay. Evidence may be submitted either through the accredited agent of the firm or trade association concerned, or through the Australian-British Trade Association, 6th Floor, Dorland House, 18–20 Lower Regent Street, London SW1Y 4PW, which will represent UK interest if authorised. The association charges a fee for its services, the amount varying according to the work involved in the preparation of a submission and whether or not the interested party is a member.

Inquiries: CRE 01-215 5319.
Ref: CRE 1079/79
CRE 1080/79
CRE 1211/79–1214/79

Chemical products. The Industries Assistance Commission has issued a draft report of its inquiry into the question of providing assistance to the local industry producing the following products:

Flavours and fragrances, essential oils, etc (tariff item 33.01.2); propyl acetates, ethyl formate, etc (tariff item 29.14); pure water (tariff item 30.03.5); lubricating preparations (tariff item 34.03); artificial waxes (tariff item 34.04); polishes and creams (tariff items 34.05.1); dextrin, amylopectin (tariff item 35.05); casein and derivatives (tariff item 35.01); fabric softeners (tariff item 38.12.99); monolithics (tariff item 38.19.29); pickling preparations for metal surfaces (tariff item 38.13); laboratory products (tariff items 38.16 and 38.19.81); gum mixtures (tariff item 38.19.51); other chemical products (tariff item 38.13).

The draft is being made available to give interested parties an opportunity to examine and comment on it before final recommendations are submitted to government. The commission will hold a further public hearing, beginning at 09.30 hrs on 2 August in the Public Inquiry Room, Industries Assistance Commission, Kings Avenue, Canberra ACT, to consider comments, if any, submitted to it.

A copy of the draft report may be obtained on loan from the Department of Trade, Room 363, 1 Victoria Street, London SW1H 0ET.

Inquiries: CRE 01-215 5319.
Ref: CRE 395/77

Motor vehicles. A notice in *Trade and Industry*, 20 April, reported that the Industries Assistance Commission had been requested to inquire into and report on what assistance measures should be accorded the motor vehicle industry in Australia after 1984.

The commission has now announced that the initial public hearings will be held as follows:

Public Inquiry Room,
Industries Assistance Commission,
12th Floor, Marland House,
570 Bourke Street,
Melbourne Vic,
beginning at 10.00 hrs on Monday, 3 September.

Public Inquiry Room,
Industries Assistance Commission,
16th Floor,
59 Goulburn Street,
Sydney NSW,
beginning at 10.00 hrs on Monday, 10 September.

Inquiries: CRE 01-215 5319.
Ref: CRE 735/79

Woolpacks. The Australian government recently announced that new requirements for woolpacks will be introduced in September. Under the new standard both synthetic and jute packs imported into Australia will be required to have an upgraded resistance to bursting and tearing; they will be supplied without caps but with longer flaps than the present packs.

There will also be a new standard for caps which in future will be required to be made from nylon multifilament fabric, or nylon and paper. Australian importers of packs and caps have been advised that they should begin ordering now to the new standards to ensure that consignments arriving after August comply with import controls.

Details of the proposed standards will be available from the Australian Wool Corporation, 261 George Street, Sydney NSW 2000.

Inquiries: CRE 01-215 5319.
Ref: CRE 43897/43904

Drilling bits. A notice in *Trade and Industry*, 6 July, reported that the Australian government had requested the Industries Assistance Commission to inquire into and report on the short-term assistance needs of the sector of industry producing percussive and rotary blast hole drilling bits made wholly or partly of cemented carbides.

The commission has now announced that the public hearing has been arranged for 30 July at 10.00 hrs in the Public Inquiry Room, Industries Assistance Commission, 16th Floor, 59 Goulburn Street, Sydney NSW.

Inquiries: CRE 01-215 5319.
Ref: CRE 1073/79

Tanned leather and dressed fur. A notice in *Trade and Industry*, 15 June, reported that the Australian government had requested the Industries Assistance Commission to inquire into the question of long-term protection for the tanned and finished leather and fur industry.

The commission has now announced that the public hearings will take place as follows:

Public Inquiry Room,
Industries Assistance Commission,
12th Floor, Marland House,
570 Bourke Street,
Melbourne Vic,
beginning at 10.00 hrs on Monday, 6 August.

Public Inquiry Room,
Industries Assistance Commission,
16th Floor,
59 Goulburn Street,
Sydney NSW,
beginning at 10.00 hrs on Monday, 13 August.

Inquiries: CRE 01-215 5319.
Ref: CRE 894/79

Clothing, textiles and footwear. As reported in *Trade and Industry*, 2 September 1977, the Australian government announced on 19 August 1977 that in accordance with its policy of preserving an efficient industry, support would be given to these sectors for a period of three years to enable them to meet their special problems.

It has now been announced that the current assistance programme for footwear and brassieres will be extended by one year to 30 June 1981 and for textiles and other apparel to 31 August 1981.

Inquiries: CRE 01-215 5319.
Ref: CRE 671-3/77, 1459/77

Travel goods. A notice in *Trade and Industry*, 9 March, reported that the Industries Assistance Commission had released a draft report of its inquiry into the question of the long-term assistance needs of the local industry producing travel goods, brief cases, toilet cases, vanity

Further information

In many cases further information on the notices published on these pages is available to British exporters from the Department of Trade. The main branches concerned are: Commercial Relations and Exports (CRE) Divisions, 1 Victoria Street, London SW1H 0ET (tel. direct dialling); and Overseas Tariffs and Regulations Section (OTAR), Export Data Branch, Export Services and Promotions Division, Export House, 50 Ludgate Hill, London EC4M 7HU, tel. 01-248 5757. In each case, the relevant information source is indicated at the end of the notice by its initials (OTAR or CRE) and, in the case of OTAR, the telephone extension.

cases and cases for sporting equipment, etc, falling within tariff items 39.07 or 42.02.

The Australian government has accepted the recommendations of the commission and accordingly:

Suitcases (rigid and soft sided), trunks, attache cases, and executive cases (not being goods of leather or of composition leather) and certain moulded plastic cases (school cases, toilet cases and the like, and cases for sporting equipment), other than incomplete goods, will be dutiable at 45 per cent general and preferential until 1 July 1980 when they will become dutiable at 30 per cent. Incomplete goods will become dutiable at 30 per cent immediately.

Briefcases, folios and the like, and other moulded goods under reference, will now be dutiable at 30 per cent general and preferential. Other goods under reference (tariff items 39.07 or 42.02) will now be dutiable at 30 per cent general and 25 per cent preferential until 1 July 1980 following which minimum rates of duty, subject to international commitments, will apply.

Inquiries: OTAR 01-248 5757 ext. 468/469/401.

Ref: CRE 255/78

France

Frozen beef for canning or processing. A notice was published in the French *Official Journal*, 7 July, bringing the procedure for importing frozen beef (02.01) for canning or processing into line with various EEC directives.

Copies of the French text are available from OTAR 01-248 5757 ext. 423/408/439.

Kuwait

Slaughtering and fresh meat. A copy of the Arabic version of Slaughtering Regulations 1977 together with a copy of an unofficial translation of the Specification for Refrigerated Fresh Meat 1975 has been received from the British embassy at Kuwait.

The Arabic version of Slaughtering Regulations issued by the Kuwait Municipality states that all animals slaughtered for human consumption must be killed in accordance with Islamic Shari'a rites and an appropriate certificate (stating that slaughter has been conducted in this manner) must be attached to the documents of each consignment.

This certification required by the Slaughtering Regulations is also required by the municipal health authority for all refrigerated, fresh, chilled or frozen meat imported into Kuwait either by road, sea or air.

An unofficial translation of the Specification for Refrigerated Fresh Meat and a loan copy in *Arabic only* of the Slaughtering Regulations is available, on request, from OTAR 01-248 5757 ext. 475/7062.

Nigeria

Air freight. In the Nigerian 1979/80 budget, reference was made to the unnecessary use of air freight for goods imported into Nigeria and it is the federal military government's policy to encourage shipment by sea whenever possible.

Exporters still wishing to send urgent supplies by air freight should ensure that this is clearly stipulated on form M before it is endorsed by the Nigerian Central Bank. Failure to do so could result in a clean report of findings not being issued, if the goods are subject to pre-shipment inspection.

Inquiries: CRE 01-215 3064.

Peru

Encouragement of imports. In continuation of the recent financial and economic trends, a number of regulations tending to encourage imports have been issued recently. In chronological order these are:

1 Central Reserve Bank Exchange resolution 015-79-EF/90: from 2 July all Peruvian imports of raw materials or capital goods can be paid for in cash; there is no longer any need to finance them.

2 Exchange resolution 016-70-EF/90: payments due on imports made before 30 June with the exception of capital goods imports may be met before due date.

3 Exchange resolution 018-79-EF/390: from 2 July any new import financed from abroad, with certain exceptions, is subject to a 10 per cent of cif deposit in Peruvian currency. The deposit will be retained for the full term of the credit.

No further details are available.

Inquiries: OTAR 01-248 5757 ext. 474/476.

South Africa

Customs tariff changes. The following amendments were published in the South African *Government Gazette*, 29 June.

R.1381, CCCN 39.02: It is made clear that subheading 39.02.80 covers all acrylic and methacrylic polymers and copolymers.
R.1382, CCCN 59.04: The rates of duty on twine, cordage, ropes and cables plaited or not, of polyethylene, polypropylene and polyamide fibres or strip, are amended.
Industrial rebates
R.1383, Item 306.04: The extent of rebate on acrylic and methacrylic polymers and copolymers (excluding aqueous emulsions) is full duty.
R.1384, item 306.05 and 311.12, CCCN 32.07 and 51.04: The provisions for a rebate of duty on a dry pigments with a basis of titanium white for the manufacture of ink, and b woven fabrics of man-made fibres (continuous) excluding fabrics of cellulosic fibres), woven from yarns with a linear density exceeding 78 dtex, for the manufacture of impregnated or coated fabrics are withdrawn.

Inquiries: OTAR: ext. 471/472/473/462.

Tanzania

Tariff and tax amendments. On 21 July Tanzania's Minister of Finance and Planning announced the following new measures for the 1979/80 budget·

Import Duty. Import duty at the rate of 10 per cent has been imposed on machinery, transport equipment and natural and synthetic rubber, previously exempt. Import duty on processed foodstuffs, fruit and vegetables, sugars and sugar confectionery has been increased to 75 per cent; on pet foods and animal fodder to 25 per cent; on motor vehicle tyres to 40 per cent. Remission orders exempting parts for local radio assembly and soft drink concentrates from duty have been revoked and these items will now attract full duty.

Sales tax. Sales tax will be increased by 20 per cent on sugar, by approximately 8 per cent on beer, by 6 per cent on certain foodstuffs and beverages such as tea, coffee and by 3 per cent on preserved fruit. Sales tax has also been increased on certain fabrics (not yet specified).

Travel. A 20 per cent levy on the value of air tickets has been imposed for travel outside Tanzania. Air-and sea-port departure service charges for travellers have been doubled.

The Tanzanian government intends to continue to restrict unnecessary imports and other foreign expenditure with the aim of balancing the budget and reducing the balance of payments deficit.

Further details of the budget proposals will be published as they become known.

Inquiries: OTAR 01-248 5757 ext. 472.

United States

Marine radar systems. The *Federal Register*, 17 May, published a notice by the US Treasury Department announcing withholding of appraisement of certain marine radar systems from the United Kingdom. This follows a tentative determination of dumping in an investigation which was initiated on 6 November 1978. Appraisement of the merchandise will be suspended for six months.

Inquiries: CRE 1-215 5397.

Non-electric cooking ware. On 15 May the United States International Trade Commission instituted an inquiry under section 201(b) of the Trade Act 1974 to determine whether cooking ware of steel, enamelled or glazed provided for in item 653.97 of the United States tariff schedule is being imported into the United States in such increased quantities as to be a substantial cause or threat of serious injury to the domestic industry.

On 25 June the International Trade Commission amended the scope of its investigation to cover non-electric cooking ware provided for in items 533.77, 546.38, 546.56, 546.59, 653.85, 653.93, 653.94, 653.97, 654.05, 654.10, 654.15 of the United States tariff schedule.

A public hearing in connection with this investigation will be held on 14 August. Request for appearances at the hearing should be received in writing by the secretary of the commission not later than 9 August.

Inquiries: CRE 01-215 5397.

CRE Commercial Relations and Exports Divisions
Department of Trade
1 Victoria Street, London SW1H 0ET
Tel. direct dialling (see end of each notice)

OTAR Overseas Tariffs and Regulations Section
Export Data Branch
Export Services and Promotions Division
Department of Trade
Export House, 50 Ludgate Hill, London EC4M 7HU
Tel. 01-248 5757 (extension at end of each notice)

Statistics

The economy: selected indicators[1]

Series are seasonally adjusted except where shown otherwise

	Gross domestic product (average estimate)	Consumers' expenditure	Fixed capital expenditure			Changes in stocks				Balance of payments		
				of which			of which					
			Total	Manufacturing industry	Distributive and service industries excl. shipping	Total	Manufacturing industry	Wholesalers'	Retailers'	Current balance	Visible balance	Invisible balance
	at 1975 prices		at 1975 prices			at 1975 prices				at current prices		
Base of index Series in Stock level at end-1977	1975	£ million	£ million			£ million 34,469	19,995	4,540	3,181	£ million		
1973	103.3	65 586	21 609	3 504	4 674	2 983	1 336	432	624	−967	−2 383	1 416
1974	101.4	64 162	21 173	3 822	4 605	1 459	1 288	361	−180	−3 550	−5 235	1 685
1975	100.0	63 328	20 536	3 522	3 841	−1 623	−1 221	−249	−100	−1 787	−3 236	1 449
1976	102.9	63 479	20 395	3 345	3 926	245	316	131	13	−1 072	−3 601	2 529
1977	104.9	62 897	19 961	3 573	4 325	949	442	266	29	371	−1 744	2 115
1978	108.2	66 431	20 456	3 856	4 677	1 034	597	6	333	443	−1 175	1 618
1976 3rd qtr	103.3	15 910	5 177	849	1 005	160	99	81	46	−421	−1 136	715
4th qtr	104.2	15 989	4 955	856	1 014	1 014	1 264	17	27	−292	−966	674
1977 1st qtr	103.8	15 610	4 821	851	1 030	402	235	82	117	−401	−946	545
2nd qtr	104.5	15 535	5 010	879	1 044	289	97	179	4	−253	−779	526
3rd qtr	104.8	15 849	5 057	910	1 103	−73	−6	−80	−59	513	−3	516
4th qtr	106.5	15 903	5 073	932	1 149	331	116	85	−33	512	−16	528
1978 1st qtr	106.0	16 326	5 152	923	1 162	323	38	81	62	−369	−596	227
2nd qtr	108.4	16 456	5 147	963	1 174	295	272	−62	128	208	−173	381
3rd qtr	109.2	16 831	5 132	982	1 162	304	175	45	54	154	−367	521
4th qtr	109.2	16 818	5 025	988	1 179	112	112	−59	89	450	−39	489
1979 1st qtr	107.4	17 609 pe	4 927	946	1 209	378	83	100	87	−787	−11 81	394
2nd qtr										−231 p	−561	330 p
% change last 2 qtrs on prev. 2 qtrs.	−0.5	+2.9	−3.2	−0.6	+2.2							
on a year earlier	+1.9	+5.6	−2.7	+4.3	+3.3							

	Industrial production		Personal expenditure		Prices and earnings					Labour (UK)			Visible trade (volume)	
	Total all industries	Total manufacturing industries	Retail sales	Cars: new registrations	Retail prices		Wholesale prices: all manufacturing industry		Average gross earnings of all employees (GB, all industries and services covered)	Unemployed excluding school leavers and adult students		Unfilled vacancies for adults	Export	Import
				monthly averages		% increase on a year earlier	basic materials and fuel used	manufactured products: home sales		mid-month count	% of total employees	mid-month count	On a balance of payment basis	
	at 1975 prices		at 1971 prices	thousands	(not seasonally adjusted)				(old series)				at 1975 prices	
Base of index £m in base year Series in	1975	1975	1971 16,296	thousands	Jan. 1974		1975	1975	Jan. 1970	thousands		thousands	1975 19,463	1975 22,699
1974	105.1	106.5	109.0	102.8	108.5	16.0	86.8	81.8	179.1	599.7[2]	2.6[2]	301.6[2]	104.2	109.7
1975	100.0	100.0	106.7	97.2	134.8	24.2	100.0	100.0	226.6	929.1	3.9	148.0[2]	100.0	100.0
1976	102.0	101.4	106.5	104.7	157.1	16.5	127.0	117.3	261.8	1 269.3[2]	5.3[2]	119.7[2]	109.7	105.6
1977	105.8	102.8	103.6	107.1	182.0	15.8	145.6	140.5	288.5	1 378.0	5.7	155.8[2]	118.9	107.2
1978	109.7	103.6	109.2	130.1	197.1	8.3	144.6	153.3	330.2	1 376.5	5.7	210.4	122.9	112.6
1977 1st qtr	105.6	103.9	103.3	102	174.1	16.5	144.8	133.0	280.2	1 333.3	5.5	..	115.9	108.8
2nd qtr	105.5	102.4	102.4	104	181.9	17.4	148.8	139.6	284.4	1 353.4	5.6	154.3	117.7	110.6
3rd qtr	106.3	103.0	104.2	110	184.7	16.5	146.5	143.8	289.1	1 403.1	5.8	153.7	124.6	107.3
4th qtr	105.9	101.8	104.7	113	187.4	13.1	142.2	145.8	300.3	1 422.2	5.9	163.6	117.3	102.3
1978 1st qtr	106.9	102.2	106.4	128	190.6	9.5	140.2	149.2	310.9	1 415.7	5.9	185.9	119.6	113.5
2nd qtr	110.7	104.5	107.9	133	195.8	7.7	146.3	151.8	327.8	1 388.6	5.7	206.3	122.2	109.7
3rd qtr	111.5	105.1	110.7	133	199.2	7.8	144.9	154.8	335.7	1 367.9	5.7	215.2	124.8	114.9
4th qtr	109.9	102.6	111.7	127	202.6	8.1	147.1	157.3	346.4	1 333.7	5.5	234.2	124.8	112.3
1979 1st qtr	109.1	101.4	110.3	131	208.9	9.6	152.2	161.6	356.5	1 356.7	5.6	232.6	110.3	113.3
2nd qtr			117.0 p	179	216.6	10.6	160.5 p	167.9 p		1 304.2	5.4	255.0	134.2	129.0
1978 May	110.0	103.5	108.2	127	195.7	7.7	146.8	151.9	326.2	1 384.8	5.7	205.6	120.5	113.3
Jun	111.1	104.9	108.6	142	197.2	7.4	147.0	152.7	333.0	1 378.1	5.7	213.4	121.9	111.1
Jul	111.6	105.1	111.0	111	198.1	7.8	145.8	153.8	333.2	1 370.2	5.7	211.1	125.7	114.3
Aug	112.1	105.9	111.7	142	199.4	8.0	144.2	154.8	334.7	1 373.4	5.7	211.8	124.5	111.3
Sep	110.8	104.4	109.6	144	200.2	7.8	144.8	155.7	339.2	1 360.2	5.6	222.8	124.3	119.1
Oct	108.7	101.8	110.2	133	201.1	7.8	145.7	156.6	344.5	1 349.9	5.6	231.8	125.9	110.8
Nov	109.7	102.5	110.5	126	202.5	8.1	147.3	157.1	344.5	1 331.7	5.5	234.9	122.5	113.7
Dec	111.1	103.3	113.8	121	204.2	8.4	148.3	158.3	350.1	1 319.6	5.5	235.9	126.0	112.5
1979 Jan	103.6	93.4	109.6	121	207.2	9.3	150.8	160.0	344.7	1 342.1	5.6	235.7	113.0	107.1
Feb	111.4	104.2	110.4	117	208.9	9.6	152.2	161.7	355.6	1 366.5	5.7	228.9	100.7	117.0
Mar	112.3	106.5	110.8	156	210.6	9.8	153.5	163.2	369.3	1 361.5	5.6	233.1	117.3	115.7
Apr	113.2	105.3	115.4	158	214.2	10.1	158.4	165.5	368.1	1 327.4	5.5	245.3	128.4	127.2
May	113.9 p	104.6 p	113.5	172	215.9	10.3	161.1 p	167.7 p	372.4 p	1 306.4	5.4	257.3	133.6	127.8
Jun			121 p	208	219.6	11.4	162.1 p	170.6 p		1 278.7	5.3	262.4	140.7	132.0
Jul										1 278.7 p	5.3 p	253.0 p		
% change latest 3 months on prev. 3 months	+4.0	+5.2	+6.1	+36.5	+3.7		+5.5	+3.9	+5.7	−4.7		+9.2	+21¼	+14
on a year earlier	+3.5	+1.7	+8.4	+34.8	+10.6		+9.7	+10.6	+15.0	−6.5		+22.6	+10	+17¼

p Provisional. pe Preliminary estimate. [1] Including figures published on or before 27 July 1979. [2] Average of available months.

Inquiries: 01-215 3453

Overseas trade analysed in terms of industries: first quarter 1979

United Kingdom overseas trade for the first quarter 1979 is analysed in the table in terms of the producing industries (as defined by the standard industrial classification 1968), in contrast to the overseas trade statistics classification.

Each commodity heading in the trade statistics has been reclassified to the industry of which the commodity is a principal product.

This series of statistics, derived from the basic material of the overseas trade statistics, was first presented in an article in the February 1975 issue of *Economic Trends*. The article discussed the uses and limitations of this alternative form of presenting trade data together with figures for the years 1970 to 1973.

Business Monitor

Business Monitor MQ 10, to be published shortly, presents estimates of the value of imports and exports of each minimum list heading (MLH) of manufacturing industry. From 1978 the monitor shows even greater industrial detail than in earlier years. Forty-four MLHs have been subdivided into 142 sub-groups. This sub-division has been undertaken in order to facilitate the details of analysis and monitoring of overseas trade performance and to increase comparability with data relating to sales, employment, capital expenditure, etc, available from other inquiries.

Note

The trade figures for the first quarter of 1979 were affected by the road haulage dispute in January. In addition certain distortions to the flow of information resulting from industrial action have led to some trade relevant to the period being carried over to subsequent periods. It is not possible to exclude these distortions from the industrial analysis presented here.

The introduction of a revised classification of broader coverage and revisions to the industrial allocation of certain products have resulted in a number of discontinuities with figures for 1977 and earlier periods. Comparisons over time should therefore be undertaken only with caution.

As from this issue Business Monitor MQ 10 will be published quarterly and will be available on subscription from HMSO (PO Box 569, London SE1 9NR), price £1.95 per annum.

Inquiries: 01-212 8815.

UK overseas trade analysed in terms of industries: first quarter 1979 p

£ million, current prices

SIC order no. and industry	1st qtr 1979 Imports cif	1st qtr 1979 Exports fob
I Agriculture, forestry and fishing	715.7	235.4
II Mining and quarrying	1 565.2	1 147.8
III Food, drink and tobacco	973.6	438.2
IV Coal and petroleum products	442.9	309.6
V Chemicals and allied industries	846.2	1 060.3
VI Metal manufacture	547.6	417.8
VII Mechanical engineering	737.9 [1]	1 115.3 [1]
VIII Instrument engineering	250.0	249.9
IX Electrical engineering	822.6	823.0
X Shipbuilding and marine engineering	45.3	141.3
XI Vehicles	1 314.6 [1]	1 239.5 [1]
XII Metal goods not elsewhere specified	392.7	417.5
XIII Textiles	521.7	388.4
XIV Leather, leather goods and fur	65.5	54.0
XV Clothing and footwear	303.6	131.7
XVI Bricks, pottery, glass, cement, etc	97.2	128.7
XVII Timber, furniture, etc	273.1	59.6
XVIII Paper, printing and publishing	398.2	179.2
XIX Other manufacturing industries	207.8	208.2
Total products of manufacturing industry (orders III to XIX)	8 251.6	7 397.8
XXI Gas and electricity	—	—
XXIII Distributive trades [2]	191.3	108.4
XXV XXVI Professional and miscellaneous services [3]	17.1	18.4
Unclassified goods [4]	102.7	189.1
Total UK trade	10 843.6	9 096.9

[1] Imports and exports of certain restricted items are not included. [2] Order XXIII includes trade in fresh and frozen meat, works of art, antiques, etc.
[3] Orders XXV and XXVI include trade in cinema film, photographs, designs and manuscripts, circuses, non-farm animals, etc. Postal packages, low-value and continental shelf transactions. p Provisional.

Business Monitors

The following titles and issues of Business Monitors are now available:

PRODUCTION SERIES

Monthly at 15.40 each year post free

PM 33-36 Engineering (volume indices of sales and orders) fr March 1979
PM 332 Metal-working machine tools for March 1979
PM 471.1 Wood chipboard for May 1979
PM 476 Imported timber for February 1979

Quarterly at £1.95 each per year post free

PQ 103 Chalk, clay, sand and gravel extraction for first quarter 1979
PQ 239.2 British wines, cider and perry for first quarter 1979
PQ 240 Tobacco for first quarter 1979
PQ 279.5 Printing inks for first quarter 1979
PQ 279.6 Surgical bandages, etc for first quarter 1979
PQ 323 Miscellaneous non-ferrous metals for first quarter 1979
PQ 339.3 Refrigerating machinery space-heating ventilating and air-conditioning equipment for fourth quarter 1978
PQ 351 Photographic and document copying equipment for first quarter 1979
PQ 362 Insulated wires and cables for first quarter 1979
PQ 369.2 Primary and secondary batteries for first quarter 1979
PQ 381.1 Motor vehicle manufacturing for fourth quarter 1978
PQ 395 Cans and metal boxes for first quarter 1979
PQ 399.8 Needles, pins, fish-hooks and other metal smallwares for first quarter 1979
PQ 411 Production of man-made fibres for first quarter 1979
PQ 418 Lace for first quarter 1979
PQ 433 Fur for first quarter 1979
PQ 464 Cement for first quarter 1979
PQ 484.2 Miscellaneous manufactures of paper and board for first quarter 1979
PQ 492 Plastics floor-coverings, leathercloth, etc for first quarter 1979
PQ 493 Brushes and brooms for first quarter 1979
PQ 494.3 Sports equipment for first quarter 1979
PQ 499.1 Musical instruments for first quarter 1979

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MQ 12 Import penetration and export sales for December 1978

SERVICE AND DISTRIBUTIVE SERIES

Quarterly at £1.95 each per year post free

SDQ 7 Assets and liabilities of finance houses for first quarter 1978

Monthly at £5.40 each per year post free

SDM 1 Food shops for May 1979
SDM 2 Clothing and footwear shops for May 1979
SDM 3 Durable goods shops for May 1979
SDM 4 Miscellaneous non-food shops for May 1979

Current account of the United Kingdom balance of payments: June

The figures for the months of 1979 given in this article have been affected by the impact of the road haulage dispute in January. In addition, certain distortions to the flow of information on which they are based have resulted in some trade being recorded in the wrong month in the first half of this year; further, some imports remain to be included (see notes 1 and 2). Thus, the published figures for imports understate the flow of goods in the half-year. However, the effects of the distortions on exports, apart from any permanent loss, are likely to have worked themselves out over this period. The figures, therefore, provide little guide to the underlying monthly movement in trade.

June

In June, the figures show a surplus on current account of £61 million. The figures of visible trade record a deficit of £49 million, with exports valued at £3,779 million and imports at £3,828 million. The invisibles surplus is projected at £110 million.

Because of the various distortions to the figures, interpretation of the monthly information remains difficult. After making allowance for these distortions, it appears that the current account was in deficit in June by some £300 to £400 million – somewhat less than appears to have been the case in May, as, on a distortion-free basis, imports fell in June, while exports were little changed.

The remainder of the commentary in this article relates to the half-year period January to June, over which time estimates of the effect of the various distortions can be better assessed.

January to June 1979

Current account and visible balance

In the first half of 1979, the figures record a deficit on current account of about £1 billion, a deficit of around £1.7 billion on visible trade being partly offset by a surplus on invisibles of some £0.7 billion. Because of the interruption of the normal information flow, some imports appropriate to January-June have not yet been recorded. It is probable that the recorded deficit on visible trade is some £900 million less than it otherwise would have been.

The impact of the road haulage dispute has also markedly affected the monthly pattern of trade, but its effects, apart from any permanent loss of exports, are thought to have been fully encompassed within the half-year period.

If allowance is made for the disruption to the flow of import documents, the current account is likely to have been in deficit by around £1.9 billion (£320 million a month) in the first half of the year, with visible trade in deficit by some £2.6 billion (£440 million a month). With certain temporarily adverse factors affecting exports, and imports showing an erratically large increase, the deficit overstates the underlying position.

Imports

The import figure of £20.6 billion in the first six months of 1979 is estimated to have been some

Table 1 Current account

£ million seasonally adjusted

	Current balance	Visible trade: Visible balance	Visible trade: Exports fob	Visible trade: Imports fob	Invisibles: Balance	Invisibles: Credits	Invisibles: Debits
1978 3rd quarter	+154	−367	9 051	9 418	+521	4 702	4 181
4th quarter	+450	−39	9 220	9 259	+489	4 728	4 239
1979 1st quarter	−787	−1 181	8 390	9 571	+394	4 817	4 423
2nd quarter	−231 [1]	−561	10 491	11 052	+330 [1]	n.a.	n.a.
1978 December	+204	+41	3 127	3 086	+163 [2]		
1979 January	+6	−126	2 810	2 936	+132 [2]		
February	−635	−766	2 565	3 331	+131 [2]		
March	−158	−289	3 015	3 304	+131 [2]	Monthly figures of credits and debits are not available	
April	−217 [1]	−327	3 275	3 602	+110 [1]		
May	−75 [1]	−185	3 437	3 622	+110 [1]		
June	+61 [1]	−49	3 779	3 828	+110 [1]		
Jan-June 1979	−1 018	−1 742	18 881	20 623	+724		

[1] Invisibles are projections and subject to revision as information becomes available. [2] One-third of the appropriate calendar quarter's estimate; monthly figures of invisibles not available.

Table 2 Current balance, visible trade and invisible trade

Balance of payments basis

£ million seasonally adjusted

	Current balance	Visible trade: Visible balance	Visible trade: Exports fob	Visible trade: Imports fob	Invisible balance
1977	+371	−1 744	32 148	33 892	+2 115
1978	+443	−1 175	35 432	36 607	+1 618
1977 2nd quarter	−253	−779	7 921	8 700	+526
3rd quarter	+513	−3	8 531	8 534	+516
4th quarter	+512	−16	8 176	8 192	+528
1978 1st quarter	−369	−596	8 408	9 004	+227
2nd quarter	+208	−173	8 753	8 926	+381
3rd quarter	+154	−367	9 051	9 418	+521
4th quarter	+450	−39	9 220	9 259	+489
1979 1st quarter	−787	−1 181	8 390	9 571	+394
2nd quarter	−231 [1]	−561	10 491	11 052	+330 [1]
1979 January	+6	−126	2 810	2 936	+132 [2]
February	−635	−766	2 565	3 331	+131 [2]
March	−158	−289	3 015	3 304	+131 [2]
April	−217 [1]	−327	3 275	3 602	+110 [1]
May	−75 [1]	−185	3 437	3 622	+110 [1]
June	+61 [1]	−49	3 779	3 828	+110 [1]

[1] Invisibles are projections and subject to revision as information becomes available. [2] One-third of the appropriate calendar quarter's estimate; monthly figures of invisibles are not available.

Table 3 Invisibles

£ million seasonally adjusted

	Invisibles: Total: Balance	Invisibles: Total: Credits	Invisibles: Total: Debits	of which private sector and public corporations [1]: Balance	Credits	Debits
1977	+2 115	16 414	14 299	+4 807	14 971	10 164
1978	+1 618	18 085	16 467	+4 875	16 000	11 125
1977 2nd quarter	+526	4 064	3 538	+1 203	3 752	2 549
3rd quarter	+516	4 130	3 614	+1 194	3 760	2 566
4th quarter	+528	4 187	3 659	+1 181	3 729	2 548
1978 1st quarter	+227	4 257	4 030	+1 118	3 776	2 658
2nd quarter	+381	4 398	4 017	+1 150	3 895	2 745
3rd quarter	+521	4 702	4 181	+1 380	4 167	2 787
4th quarter	+489	4 728	4 239	+1 227	4 162	2 935
1979 1st quarter	+394	4 817	4 423	+1 222	4 300	3 078
1979 April	+110 [2]					
May	+110 [2]	n.a.	n.a.	n.a.	n.a.	n.a.
June	+110 [2]					

n.a. Not available. [1] ie excluding general government transactions and all transfers. [2] See note 1 of table 2.

£0.9 billion lower than it would otherwise have been as a result of the distortion to the flow of information to Customs and Excise statistical office. The effects of the road haulage dispute are fully encompassed within this period. After allowing for the effects of the distortion due to information flow, the average monthly value of imports moving through the ports during January to June is likely to have been around £3,600 million – rather than £3,437 million as published. This represents an erratically large increase – of the order of 15 per cent – about three-quarters of which is volume – on the £3,113 million in the second half of last year. Although the size of this distortion and the lack of commodity detail precludes a proper disaggregated analysis, major contributions to the growth in imports have come from chemicals and road vehicles. In contrast, imports of crude oil fell by £250 million between the half years; this more than offset a sharp rise in oil products.

Exports

For exports, it is likely that the effects of the distortions are all contained within the first six months of this year, although there may have been some permanent loss as a result of the road haulage dispute, reflecting cancelled orders. In this period, total exports were valued at £18.9 billion (a monthly average of £3,147 million), about 3½ per cent more than in the second half of last year; in volume terms, however, exports fell by 2 per cent.

Important contributory factors to this weak performance have been the substantially lower level of deliveries to Iran and Nigeria; exports to these two countries may well have been reduced on average by something of the order £100 million a month (3 per cent of total exports) in the first half of the year. Even allowing for this, there has been some deterioration in the upward trend in export volume so far this year. There were falls of the order of 3 to 5 per cent, in volume terms, between the latest two half-year periods, for most of the major commodity groups identified in table 10. The exception was fuels where a 16 per cent rise in volume reflected increased production of North Sea oil.

By market, the main increase in the value of deliveries over this period was to Europe, particularly EEC. The sharp decline in shipments to oil-exporting countries is mainly due to the reduced trade with Iran and Nigeria.

Invisibles

The surplus on invisibles in the first six months of this year is projected at over £700 million. The estimated surplus for the first quarter was £394 million (a monthly average of £131 million), with credits of £4,817 million and debits of £4,423 million. Invisibles of the private sector and public corporations, excluding transfers, were in surplus by £1,222 million in the first quarter (a monthly average of £407 million). The latest projection of £330 million for

Table 4 Export and import unit value and volume index numbers

Balance of payments basis — Indices 1975 = 100

	Unit value (Not seasonally adjusted)			Volume (Seasonally adjusted)	
	Exports	Imports	Terms of trade [1]	Exports	Imports
1977	142.5	141.3	100.8	118.9	107.2
1978	155.1	146.4	105.9	122.9	112.6
1977 2nd quarter	141.5	140.7	100.6	117.7	110.6
3rd quarter	145.3	143.4	101.3	124.6	107.3
4th quarter	147.4	143.9	102.4	117.3	102.3
1978 1st quarter	149.6	141.5	105.7	119.6	113.5
2nd quarter	153.2	146.0	104.9	122.2	109.7
3rd quarter	157.0	148.0	106.1	124.8	114.9
4th quarter	160.6	150.3	106.9	124.8	112.3
1979 1st quarter	165.6	153.8	107.7	110.3	113.3
2nd quarter	169.6	157.1	108.0	134.2	129.0
1979 January	163.3	152.0	107.4	113.0	107.1
February	165.9	153.4	108.1	100.7	117.0
March	167.6	156.1	107.4	117.3	115.7
April	168.8	155.0	108.9	128.4	127.2
May	169.1	156.6	108.0	133.6	127.8
June	170.9	159.6	107.1	140.7	132.0

[1] Export unit value index as a percentage of the import unit value index.

Table 5 Balance of trade in oil and in other goods

Balance of payments basis — £ million seasonally adjusted

	Visible balance		
	Total trade	Trade in oil [1]	Trade in other goods
1977	−1 744	−2 791	+1 047
1978	−1 175	−2 015	+840
1977 2nd quarter	−779	−761	−18
3rd quarter	−3	−590	+587
4th quarter	−16	−659	+643
1978 1st quarter	−596	−620	+24
2nd quarter	−173	−414	+241
3rd quarter	−367	−501	+134
4th quarter	−39	−480	+441
1979 1st quarter	−1 181	−237	−944
2nd quarter	−561	−210	−351
1979 January	−126	−62	−64
February	−766	−78	−688
March	−289	−97	−192
April	−327	−114	−213
May	−185	−54	−131
June	−49	−42	−7

[1] Trade in petroleum and petroleum products.

Table 6 Trade in oil [2]

Balance of payments basis — Seasonally adjusted

	Balance of trade in oil	Exports of oil			Imports of oil				
		Total	Crude oil [1] [SITC (rev 2) 333.0]	Rest of division 33	Total	Crude oil [SITC (rev 2) 333.0]			Rest of division 33
	£ million fob	£ million fob	£ million fob	£ million fob	£ million fob	£ million fob	Million tonnes	Average value per tonne £ fob	£ million fob
1977	−2 791	1 979	915	1 064	4 770	3 685	68.6	53.8	1 085
1978	−2 015	2 235	1 240	995	4 250	3 285	65.9	49.8	965
1977 2nd quarter	−761	514	242	272	1 275	1 000	18.3	54.4	275
3rd quarter	−590	568	309	259	1 158	880	16.2	54.3	278
4th quarter	−659	433	201	232	1 092	814	15.2	53.4	278
1978 1st quarter	−620	480	273	207	1 100	848	16.9	50.0	252
2nd quarter	−414	550	312	238	964	742	14.2	52.0	222
3rd quarter	−501	617	341	276	1 118	884	17.8	50.1	234
4th quarter	−480	588	314	274	1 068	811	17.0	47.6	257
1979 1st quarter	−237	743	438	305	980	676	13.9	48.7	304
2nd quarter	−210	937	635	302	1 147	762	14.2	53.8	385
1979 January	−62	263	176	87	325	247	5.2	47.8	78
February	−78	272	153	119	350	244	5.1	48.0	106
March	−97	208	109	99	305	185	3.6	51.1	120
April	−114	274	180	94	388	251	4.9	50.8	137
May	−54	325	234	91	379	243	4.5	54.7	136
June	−42	338	221	117	380	268	4.8	56.2	112
Percentage change H1 1979/H2 1978		+39	+64	+10	−2½	−15	−19	+5	+40

[1] Not seasonally adjusted. [2] Trade in petroleum and petroleum products.

the second quarter is a fall compared with the first quarter, reflecting higher net contributions to EEC in the second quarter.

Detailed analysis

Interpretation of the monthly movements in trade by area and commodity is particularly difficult, since it is not possible to allocate the estimated distortions to total trade to this degree of detail. As with recent articles, the usual commentary on the three months' comparison is therefore being excluded. The related percentage changes have also been omitted from the tables. However, as the effects of the distortions on exports, apart from any permanent loss, are likely to be encompassed within the first half of the year, tables 8 to 11 and 16, covering export trade, give percentage changes between the second half of 1978 and the first half of 1979. Corresponding figures are also given in table 6, in respect of oil, which is not thought to have been affected by the distortions. No figures are given for imports, where the document flow distortion remains.

Table 7 Value and volume of exports and imports excluding the more erratic items[1]

Balance of payments basis — Seasonally adjusted

	Exports fob		Imports fob	
	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100
1977	29 554	117.9	31 239	107.4
1978	32 855	124.2	34 352	115.8
1977 2nd quarter	7 307	117.2	7 771	106.4
3rd quarter	7 769	122.5	7 952	108.9
4th quarter	7 514	116.7	7 586	103.7
1978 1st quarter	7 839	120.8	8 387	115.9
2nd quarter	7 947	121.7	8 315	111.8
3rd quarter	8 493	127.3	8 822	118.3
4th quarter	8 576	126.8	8 828	117.4
1979 1st quarter	7 709	110.8	9 040	117.3
2nd quarter	9 712	135.3	10 290	131.6
1979 January	2 598	114.1	2 731	109.8
February	2 324	100.2	3 175	122.3
March	2 787	118.0	3 134	119.9
April	3 115	132.3	3 522	135.0
May	3 375	141.2	3 459	132.2
June	3 222	132.3	3 309	127.6

[1] These are defined as ships, North Sea production installations, aircraft and precious stones.

Notes

Distortions to figures arising from irregular flow of information to Customs statistical office

Industrial action by HM Customs and by National Data Processing Service (NDPS) computer staff has affected the flow of information to the Customs statistical office from which the monthly trade figures are compiled. Figures for each of the four months March to June have been affected. The impact has been greater on imports than exports.

The import figures are based on information provided to the statistical office from the various ports, both sea and air; they relate closely to goods shipped during the calendar month. The information takes the form of statistical documents or computer input. The industrial action led to delay in the transmission of some of this material including, in particular, computerised details of imports arriving at London airports. The delay has meant that the published statistics include some carry over of trade from one month to the next. Some information relating to imports arriving in recent months has still not reached the statistical office because of the NDPS dispute.

For exports, the figures relate to information provided to the statistical office by exporters, agents, etc. There is, on average, a delay of about two weeks between shipment and recording; thus, normally, the figures for a given month reflect, broadly, goods shipped over the previous mid-month to mid-month period. There was some carry over of trade from both April and

Table 8 Exports by area

Overseas Trade Statistics basis — £ million fob seasonally adjusted

		Developed countries					Developing countries			
	Total	Total	EEC	Rest of W. Europe	North America	Other	Total	Oil-exporting countries	Other	Centrally planned economies
1977	33 331	23 688	12 152	5 606	3 821	2 110	8 636	4 374	4 261	911
1978	37 363	26 392	14 103	5 710	4 245	2 334	9 800	4 767	5 033	1 070
1978 1st quarter	8 881	6 210	3 290	1 363	1 012	545	2 382	1 180	1 202	286
2nd quarter	9 107	6 474	3 479	1 363	1 050	582	2 412	1 223	1 189	244
3rd quarter	9 545	6 719	3 612	1 440	1 080	587	2 502	1 200	1 302	235
4th quarter	9 830	6 990	3 722	1 544	1 104	619	2 505	1 165	1 340	305
1979 1st quarter	8 928	6 718	3 750	1 465	1 026	477	1 953	804	1 149	243
2nd quarter	10 852	8 163	4 459	1 720	1 257	727	2 376	940	1 436	336
1979 April	3 417	2 557	1 388	497	433	239	765	290	475	102
May	3 569	2 687	1 504	478	456	249	820	331	489	115
June	3 866	2 920	1 566	746	368	240	791	319	472	119
Percentage change H1 1979/H2 1978	+2	+8½	+12	+6½	+4½	–	−14	−26	−2	+7

Table 9 Exports by commodity

Overseas Trade Statistics basis — £ million fob seasonally adjusted

					Manufactures[2]									
					Machinery and transport equipment[2]									
	Total	Food, beverages and tobacco	Basic materials	Fuels	Total	Total	Machinery	Road vehicles	Other transport equipment[1,2]	Chemicals	Metals	Textiles	Other manufactures	Miscellaneous
SITC (rev 2)	0-9	0 + 1	2 + 4	3	5-8	7	71-77	78	79	5	67-69	65	Rest of 6 + 8	9
1977	33 331	2 216	954	2 092	27 113	12 688	8 332	2 872	1 484	3 817	2 877	1 193	6 537	956
1978	37 363	2 916	1 008	2 375	29 984	13 762	9 223	3 070	1 470	4 201	3 114	1 238	7 669	1 083
1978 1st quarter	8 881	698	221	512	7 212	3 321	2 197	759	366	985	744	305	1 820	238
2nd quarter	9 107	726	252	585	7 307	3 439	2 262	796	381	1 030	749	296	1 817	268
3rd quarter	9 545	746	261	652	7 603	3 465	2 354	766	345	1 068	778	310	1 944	263
4th quarter	9 830	743	273	626	7 862	3 537	2 410	749	378	1 118	843	326	2 088	315
1979 1st quarter	8 928	624	251	773	7 030	3 097	2 048	658	391	976	714	287	1 948	252
2nd quarter	10 852	786	327	982	8 479	3 844	2 632	867	345	1 294	924	350	2 085	309
1979 April	3 417	244	107	285	2 678	1 250	838	296	115	399	311	116	612	102
May	3 569	278	109	343	2 756	1 343	942	298	104	455	326	115	545	111
June	3 866	264	112	354	3 046	1 251	852	273	126	441	288	119	927	96
Percentage change H1 1979/H2 1978	+2	−5½	+8	+37	+½	−1	−2	+½	+2	+4	+1	–	–	−3

[1] Not seasonally adjusted. [2] Includes North Sea production installations.

May into June mainly reflecting delays in receipt of information from London airports.

It is extremely difficult to estimate the size of the distortion to the figures arising as a result of the delays. However, an analysis of the pattern of the flow of information has provided some very broad orders of magnitude of the likely total impact. The following table gives these estimates for the relevant months (there is no effect on the February figures) in terms of the amount to be added to (+) or subtracted from (−) the published balance of payments figures to allow, roughly, for such distortions. No estimates by commodity or area can realistically be attempted.

The table shows that, over the period January to June, as a result of the document distortion there was an estimated shortfall in the published figures of imports of £900 million.

£ million

	Exports	Imports	Visible balance
March	—	+400	−400
April	+300	+250	+50
May	+50	+300	−250
June	−350	−50	−300
Trade yet to be recorded (offsetting amounts)	—	−900	+900

Note: The margin of error in these figures is likely to be of the order of 10 to 15 per cent. Thus, 350 is the central point in a range estimated at 300-400.

The road haulage dispute

The road haulage dispute began, unofficially, on 3 January; it was made official on 11 January. Its impact became progressively stronger through the month, although certain trade was largely unaffected, in particular trade by air (about 20 per cent of total exports and 18 per cent of total imports), oil shipments (6 per cent and 12 per cent) and foreign roll-on/roll-off trade (roughly 7 per cent of trade). Certain other goods would also have moved, for example, those destined for export which were already at the docks before the commencement of the dispute. Towards the end of the month the situation eased.

The dispute has markedly influenced the pattern of trade over the first six months of the year. However, because of differences between the ways in which imports and exports are

Table 10 Exports by commodity: volume indices

Overseas Trade Statistics basis

Indices 1975 = 100 seasonally adjusted

					Manufactures [1]							
						Machinery and transport equipment [1,2]						
	Total	Food, beverages and tobacco	Basic materials	Fuels	Total	Total	Machinery	Road vehicles	Chemicals	Metals	Textiles	Other manufactures
SITC (rev 2)	0-9	0 + 1	2 + 4	3	5-8	7	71-77	78	5	67-69	65	Rest of 6 + 8
Weights	1 000	71	26	41	823	417	286	92	106	92	36	172
1977	118.7	111	126	165	118	106	102	105	141	116	120	134
1978	124.0	132	134	209	120	105	101	112	155	117	117	139
1978 1st quarter	121.2	136	120	179	119	103	99	106	145	115	119	140
2nd quarter	122.2	133	137	204	119	107	101	119	153	116	113	131
3rd quarter	126.0	130	138	229	121	105	102	115	157	115	116	140
4th quarter	126.8	130	142	224	122	104	102	108	163	121	120	144
1979 1st quarter	112.1	110	122	247	107	90	85	95	138	100	103	131
2nd quarter	133.4	136	150	277	127	111	108	122	171	127	125	143
1979 April	128.4	127	151	255	123	109	105	125	165	126	127	129
May	133.2	144	146	293	126	116	116	127	181	135	124	118
June	138.6	135	154	282	133	107	104	114	167	119	126	181
Percentage change H1 1979/H2 1978	−3	−5½	−2½	+16	−4	−4	−5	−3	−3½	−4	−3	−3½

[1] Includes North Sea production installations. [2] Indices for other transport equipment SITC (rev 2) 79 are not separately available.

Table 11 Exports by commodity: unit value indices

Overseas Trade Statistics basis

Indices 1975= 100 not seasonally adjusted

					Manufactures							
						Machinery and transport equipment[1]						
	Total	Food, beverages and tobacco	Basic materials	Fuels	Total	Total	Machinery	Road vehicles	Chemicals	Metals	Textiles	Other manufactures
SITC (rev 2)	0-9	0 + 1	2 + 4	3	5-8	7	71-77	78	5	67-69	65	Rest of 6 + 8
1977	142.6	137	144	150	143	149	148	152	128	136	139	142
1978	155.4	150	140	140	157	165	165	163	130	149	148	159
1978 1st quarter	149.7	143	135	141	151	160	159	158	128	143	145	149
2nd quarter	153.3	150	141	140	154	161	161	156	130	146	147	160
3rd quarter	157.4	154	142	138	159	167	167	165	131	151	148	161
4th quarter	161.3	153	142	139	163	173	171	174	131	155	151	168
1979 1st quarter	166.1	154	153	161	168	177	175	183	137	162	156	171
2nd quarter	170.0	157	164	197	170	178	174	190	145	165	157	170
1979 April	169.1	157	160	203	169	178	174	190	142	165	154	169
May	169.4	156	167	187	170	179	174	191	145	164	158	170
June	171.3	159	166	201	171	179	175	189	148	166	160	171
Percentage change H1 1979/H2 1978	+5½	+1	+11	+29	+5	+4½	+3	+10	+7	+6½	+5	+4

[1] Indices for other transport equipment SITC (rev 2) 79 are not separately available.

Table 12 Imports by area

Overseas Trade Statistics basis

£ million cif seasonally adjusted

		Developed countries					Developing countries			Centrally planned economies
	Total	Total	EEC	Rest of W. Europe	North America	Other	Total	Oil-exporting countries	Other	
1977	36 978	27 393	14 171	5 576	4 948	2 698	8 162	3 800	4 362	1 371
1978	40 969	31 752	16 584	6 991	5 341	2 834	7 855	3 470	4 385	1 300
1978 1st quarter	9 846	7 423	3 880	1 513	1 303	729	1 960	911	1 049	319
2nd quarter	10 221	8 147	4 101	2 011	1 374	662	1 822	791	1 032	306
3rd quarter	10 475	8 001	4 183	1 747	1 305	765	2 128	957	1 171	314
4th quarter	10 427	8 180	4 422	1 720	1 360	679	1 944	811	1 133	361
1979 1st quarter	10 655	8 312	4 512	1 815	1 279	705	1 821	703	1 118	359
2nd quarter	12 035	9 724	5 613	2 018	1 401	693	2 036	722	1 315	367
1979 April	3 963	3 174	1 897	603	466	208	651	225	426	162
May	3 935	3 161	1 871	532	507	251	724	265	459	113
June	4 137	3 389	1 845	884	427	234	661	232	429	92

recorded, the effects have not been uniform on both flows of trade. The import statistics relate closely to goods shipped during the month. Certain categories of goods were unaffected and the figures also included those goods unloaded from ships but which remained on the dockside. The shortfall in January resulting from the dispute was not therefore as great as might have been expected. On the basis of evidence relating to goods moving through the ports in January and February and the experience of previous disputes, it is expected that for imports the period January-May encompassed the whole of the impact of the dispute.

For exports, recovery is likely to have taken slightly longer but is thought to have been contained in the first half of the year. This reflects partly the method of recording, described in note 1, and partly the situation at the ports when the dispute ended which necessitated clearance of some of the backlog of imports before exports could begin to move. This led to reduced figures for January and February, with recovery spread over the four subsequent months. It is not possible to quantify the size of the rebound; in particular, there may be some loss of exports if overseas customers have turned to alternative supply sources.

Standard notes

The standard notes on definitions and coverage of the figures were issued in *Trade and Industry* on 23 February. Copies of these notes can also be obtained from the Economics and Statistics Division 5A, Room 255, Departments of Industry and Trade, 1 Victoria Street. London SW1H 0ET, tel. 01-215 5703.

Table 13 Imports by commodity

Overseas Trade Statistics basis

£ million cif seasonally adjusted

				Industrial materials				Finished manufactures [2]						
									Machinery and transport equipment [2]					
	Total	Food, beverages and tobacco	Fuels	Total	Basic materials	Chemicals	Other semi-manufactures	Total	Total	Machinery	Road vehicles	Other transport equipment [1,2]	Other	Miscellaneous
SITC (rev 2)	0-9	0 + 1	3	2,4,5,6	2 + 4	5	6	7 + 8	7	71-77	78	79	8	9
1977	36 978	5 937	5 255	13 484	3 670	2 361	7 453	11 797	8 783	5 295	2 134	1 355	3 015	505
1978	40 969	6 142	4 831	14 931	3 422	2 759	8 750	14 501	10 681	6 338	2 795	1 548	3 820	564
1978 1st quarter	9 846	1 515	1 249	3 560	852	638	2 070	3 275	2 426	1 451	670	305	850	122
2nd quarter	10 221	1 544	1 089	3 566	854	667	2 045	3 957	3 044	1 571	711	762	913	131
3rd quarter	10 475	1 582	1 246	3 870	846	682	2 342	3 549	2 554	1 601	727	226	995	177
4th quarter	10 427	1 501	1 247	3 935	870	771	2 294	3 720	2 657	1 714	688	255	1 063	134
1979 1st quarter	10 655	1 512	1 158	3 884	832	720	2 332	3 839	2 803	1 652	873	278	1 036	127
2nd quarter	12 035	1 744	1 351	4 541	1 018	916	2 606	4 332	3 225	1 740	1 105	380	1 107	153
1979 April	3 963	629	467	1 415	356	299	760	1 441	1 090	581	418	91	350	47
May	3 935	574	441	1 435	364	334	737	1 492	1 120	589	353	177	372	51
June	4 137	540	443	1 691	298	283	1 110	1 400	1 015	569	334	112	384	55

[1] Not seasonally adjusted. [2] Includes North Sea production installations.

Table 14 Imports by commodity: volume indices

Overseas Trade Statistics basis

Indices 1975 = 100 seasonally adjusted

				Industrial materials				Finished manufactures [1]				
									Machinery and transport equipment [1,2]			
	Total	Food, beverages and tobacco	Fuels	Total	Basic materials	Chemicals	Other semi-manufactures	Total	Total	Machinery	Road vehicles	Other
SITC (rev 2)	0-9	0 + 1	3	2,4,5,6	2 + 4	5	6	7 + 8	7	71-77	78	8
Weights	1 000	177	177	341	93	55	193	283	206	137	37	76
1977	108.9	102	83	116	113	131	113	124	127	117	160	117
1978	117.2	101	81	128	116	158	125	140	141	136	165	139
1978 1st quarter	115.8	101	84	126	116	145	125	132	132	128	173	130
2nd quarter	117.3	101	71	124	117	151	120	155	163	135	170	132
3rd quarter	118.7	104	82	131	113	155	132	136	133	137	168	143
4th quarter	117.0	99	84	132	117	180	125	139	136	144	151	149
1979 1st quarter	116.8	95	76	128	107	176	124	141	141	140	187	143
2nd quarter	130.9	111	77	148	128	209	140	164	167	154	247	158
1979 April	129.8	119	84	141	136	193	129	160	165	153	273	147
May	129.3	110	74	143	137	217	124	171	175	156	241	161
June	133.5	103	72	161	112	216	168	161	160	152	226	165

[1] Includes North Sea production installations. [2] Indices for other transport equipment SITC (rev 2) 79 are not separately available.

Table 15 Imports by commodity: unit value indices

Overseas Trade Statistics basis

Indices 1975 = 100 not seasonally adjusted

				Industrial materials				Finished manufactures				
									Machinery and transport equipment [1]			
	Total	Food, beverages and tobacco	Fuels	Total	Basic materials	Chemicals	Other semi-manufactures	Total	Total	Machinery	Road vehicles	Other
SITC (rev 2)	0-9	0 + 1	3	2,4,5,6	2 + 4	5	6	7 + 8	7	71-77	78	8
1977	141.1	132	148	141	145	137	140	143	144	144	155	141
1978	145.3	140	138	144	132	144	149	155	156	149	194	151
1978 1st quarter	140.4	137	137	137	130	140	140	148	150	145	177	142
2nd quarter	144.9	140	141	142	131	144	147	154	155	148	190	151
3rd quarter	146.8	141	139	145	134	144	151	157	158	150	198	154
4th quarter	149.0	142	137	150	134	147	158	160	161	151	209	157
1979 1st quarter	153.0	144	143	155	141	156	162	162	163	153	210	160
2nd quarter	156.1	145	163	158	146	155	165	156	156	146	200	156
1979 April	154.3	144	154	157	144	155	163	158	158	147	205	159
May	155.7	145	163	158	146	155	165	155	155	145	198	154
June	158.3	147	172	159	147	155	166	156	156	146	198	155

[1] Indices for other transport equipment SITC (rev 2) 79 are not separately available.

Table 16 **Exports: value and volume indices excluding the more erratic items**

Overseas Trade Statistics basis — Seasonally adjusted

	Total [1]		Manufactures					
			Total [1]		Machinery and transport equipment [2]		Other manufactures [3]	
	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100
Weights		921		744		379		131
1977	29 923	116.3	23 705	115	11 241	102	4 576	128
1978	33 460	123.1	26 082	118	12 371	104	5 158	133
1978 1st quarter	7 972	119.6	6 304	117	2 968	101	1 265	135
2nd quarter	8 095	120.8	6 296	116	3 072	106	1 173	122
3rd quarter	8 644	126.1	6 702	121	3 145	105	1 363	138
4th quarter	8 748	125.7	6 780	120	3 186	104	1 357	137
1979 1st quarter	7 855	109.8	5 956	103	2 730	88	1 241	121
2nd quarter	9 885	134.0	7 512	127	3 533	113	1 429	138
1979 April	3 170	131.0	2 431	125	1 144	110	471	138
May	3 438	139.9	2 624	134	1 251	120	506	146
June	3 277	131.0	2 457	124	1 138	108	452	131
Percentage change H1 1979/H2 1978	+2	−3	−	−4½	−1	−4	−2	−5½

[1] Excluding ships, North Sea production installations, aircraft and precious stones. [2] Excluding ships, North Sea production installations and aircraft. [3] Excluding precious stones.

Table 17 **Imports: value and volume indices excluding the more erratic items**

Overseas Trade Statistics basis — Seasonally adjusted

	Total [1]		Industrial materials				Finished manufactures			
			Total [2]		Other semi-manufactures [3]		Total [2]		Machinery and transport equipment [2]	
	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100	Value £ million	Volume index 1975 = 100
Weights		932		306		158		250		174
1977	33 851	107.4	11 693	114	5 662	109	10 461	123	7 446	126
1978	37 105	115.6	12 587	126	6 406	121	12 982	141	9 162	142
1978 1st quarter	9 019	115.1	3 030	123	1 540	120	2 979	135	2 129	138
2nd quarter	8 980	111.5	3 081	124	1 559	118	3 200	139	2 288	142
3rd quarter	9 576	118.6	3 191	127	1 663	125	3 329	144	2 334	144
4th quarter	9 531	117.3	3 285	130	1 644	121	3 474	147	2 411	146
1979 1st quarter	9 705	116.3	3 205	125	1 654	118	3 568	148	2 532	150
2nd quarter	11 080	130.7	3 963	150	2 028	142	3 955	168	2 848	173
1979 April	3 783	133.7	1 325	150	670	144	1 350	169	1 000	179
May	3 727	131.4	1 403	156	705	147	1 316	169	943	173
June	3 569	127.0	1 235	142	653	134	1 289	167	904	168

[1] Excluding ships, North Sea production installations, aircraft and precious stones. [2] Excluding ships, North Sea production installations and aircraft. [3] Excluding precious stones.

Table 18 **Derivation of the visible trade figures on a balance of payments basis**

£ million

	Exports				Imports				
	Recorded	Seasonally adjusted			Recorded	Seasonally adjusted			
	Overseas Trade Statistics basis (fob)	Overseas Trade Statistics basis (fob)	Valuation and coverage adjustments	Balance of payments basis (fob)	Overseas Trade Statistics basis (cif)	Overseas Trade Statistics basis (cif)	Adjustments to BOP basis: Valuation adjustments	Adjustments to BOP basis: Coverage adjustments	Balance of payments basis (fob)
1977	33 331	33 331	−1 183	32 148	36 978	36 978	−2 089	−997	33 892
1978	37 363	37 363	−1 931	35 432	40 969	40 969	−2 202	−2 160	36 607
1977 2nd quarter	8 469	8 288	−367	7 921	9 762	9 609	−573	−336	8 700
3rd quarter	8 492	8 803	−272	8 531	8 960	9 243	−507	−202	8 534
4th quarter	8 555	8 485	−309	8 176	9 044	8 982	−453	−337	8 192
1978 1st quarter	8 756	8 881	−473	8 408	9 791	9 846	−523	−319	9 004
2nd quarter	9 626	9 107	−354	8 753	10 616	10 221	−543	−752	8 926
3rd quarter	9 051	9 545	−494	9 051	9 995	10 475	−582	−475	9 418
4th quarter	9 930	9 830	−610	9 220	10 567	10 427	−554	−614	9 259
1979 1st quarter	9 072	8 928	−538	8 390	10 837	10 655	−558	−526	9 571
2nd quarter	11 069	10 852	−361	10 491	12 106	12 035	−654	−329	11 052
1979 January	3 059	3 011	−201	2 810	3 424	3 290	−171	−183	2 936
February	2 536	2 718	−153	2 565	3 451	3 680	−193	−156	3 331
March	3 477	3 199	−184	3 015	3 962	3 685	−194	−187	3 304
April	3 321	3 417	−142	3 275	3 788	3 963	−222	−139	3 602
May	3 749	3 569	−132	3 437	4 105	3 935	−220	−93	3 622
June	3 999	3 866	−87	3 779	4 213	4 137	−212	−97	3 828

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Analyses of foreign enterprises in the United Kingdom: census of production 1975

Information about foreign enterprises in the United Kingdom for manufacturing industries (orders III-XIX of the Standard Industrial Classification, 1968) is given in the tables. The analyses were derived from the results of the census of production 1975 and include estimates for non-respondents, unsatisfactory returns and establishments employing less then 20 persons who were not required to complete census returns.

The term enterprise is used in the censuses of production to describe either a single establishment, or two or more establishments under common ownership or control. Foreign ownership is considered to occur when a company registered abroad holds more than 50 per cent of the share capital of the United Kingdom companies to which the establishments forming the enterprise belong.

The second volume of Business Monitor PA 1002, part of the summary volume of the report on the censuses of production 1974 and 1975, also contains other enterprise-based analyses, including analyses of public and private enterprises and analyses of the private sector's 100 largest enterprises identified by size of employment, net output and turnover.

Analyses of enterprises by size and industry and concentration ratios also appear in the same publication, obtainable from HMSO, price £3.00.

Explanatory notes and definitions of the main terms used in all census of production publications are given in Business Monitor PA 1001-Introductory Notes.

Further information on the PA series of Business Monitors and on the censuses generally can be obtained from the Business Statistics Office, Cardiff Road, Newport, Gwent NPT 1XG, tel. 0633 56111 ext. 2455.

Tables on pages 223 and 224

Summary volumes of 1974 and 1975 censuses of production

The second summary volume of the 1974 and 1975 Annual Censuses of Production (Business Monitor PA 1002), containing analyses of census data at the enterprise level, is now available. The contents include an analysis of public and private enterprises, analyses of private sectors' 100 largest enterprises defined by size of employment, net output, turnover and information about foreign owned enterprises. It may be obtained from government bookshops or through booksellers price £3.00.

The first volume containing information relating to manufacturing establishments was published by HMSO on 9 February price £4.50. This shows results for 1974 and 1975 and comparative data for 1971 to 1973 on total sales and work done, cost of purchases, net output, gross value added, employment, wages and salaries, capital expenditure and stocks and work in progress. Separate reports for each of the 161 census industries are published as Business Monitors PA 101 to PA 603.

Explanatory notes and definitions of the main terms used in census of production publications are given in Business Monitor PA 1001 – Introductory Notes.

Further information on the PA series of Business Monitors and on the censuses generally can be obtained from the Business Statistics Office, Cardiff Road, Newport, Gwent NPT 1XG, tel. 0633 56111 ext. 2455.

Economic statistics to be published in August

This information is issued by the Central Statistical Office on behalf of the Government Statistical Service and other organisations as a guide to the dates of publication of major economic series in August 1979. The dates are those which departments, or other organisations concerned, are aiming at, and would normally expect to meet. Exceptionally, there may be a delay resulting from unavoidable statistical problems of collection and compilation. Further inquiries about individual series should be addressed to the source named.

Publication date and series	Method of release	Source
August		
2 Thurs		
UK official reserves (July)	PN	Treasury
Capital issues and redemptions (during the month of July)	PN	Bank of England
3 Fri		
Car and commercial vehicle production (June – final)	*Trade and Industry*	Department of Industry
6 Mon		
Retail sales (June – final)	PN	Department of Trade
Wholesale price index numbers (July – prov)	PN	Department of Industry
Building society house prices and mortgage statistics (2nd qtr)	PN	Department of the Environment
Hire purchase and other instalment credit business (June)	PN	Department of Trade
7 Tues		
London clearing banks' monthly statement (mid-July)	PN	CLCB
UK banks' eligible liabilities, reserve assets, reserve ratios and special deposits (mid-July)	PN	Bank of England
9 Thurs		
Central government transactions (including borrowing requirement) (July)	PN	Treasury
Provisional figures of vehicle production (July)	PN	Department of Industry
10 Fri		
Usable steel production (July)	PN	BSC/BISPA
House renovations – work completed (2nd qtr)	PN	Department of the Environment
Slum clearance (2nd qtr)		
Housing starts and completions (June)		
Building societies' receipts and loans (July)	PN	BSA
13 Mon		
Index of industrial production (June – prov)	PN	CSO
Retail sales (July – prov)	PN	Department of Trade
Turnover of the catering trades (2nd qtr)	PN	Department of Trade
14 Tues		
Balance of payments current account and overseas trade figures (July)	PN	Department of Trade/ CSO
15 Wed		
Basic rates of wages and normal weekly hours (July)	PN	Department of Employment
Monthly index of average earnings (June)		
Cyclical indicators for the UK economy (July)	PN	CSO
16 Thurs		
Consumers' expenditure (2nd qtr – 2nd preliminary estimate)	PN	CSO
UK banks' assets and liabilities and the money stock (mid-July)	PN	Bank of England
London dollar and sterling certificates of deposit (mid-July)	PN	Bank of England
17 Fri		
Retail prices index (July)	PN	Department of Employment
Preliminary estimate of gross domestic product based on output data (2nd qtr)	PN	CSO
19 Sun		
Department for National Savings monthly progress report (July)	PN	Department for National Savings
20 Mon		
Turnover of the motor trades (2nd qtr)	PN	Department of Industry
Construction – new orders (June)	PN	Department of the Environment
CBI monthly trends inquiry (July)	PN	CBI
21 Tues		
Unemployment (Aug – prov)	PN	Department of Employment
Unfilled vacancies (Aug – prov)		
23 Thurs		
Public sector borrowing requirement and details of local authority borrowing (2nd qtr)	PN	CSO
Capital expenditure by the manufacturing, distributive and service industries (2nd qtr – prov)	PN	Department of Industry
Manufacturers' and distributors' stocks (2nd qtr – prov)	PN	Department of Industry
Bricks and cement production (July)	PN	Department of the Environment
New vehicle registrations (July)	PN	Department of Transport
24 Fri		
Sales and orders in the engineering industries (May)	*Trade and Industry*	Department of Industry
Finished steel consumption and stock changes (2nd qtr – prov)	*Trade and Industry*	Department of Industry
30 Thurs		
Unemployment (July – final)		
Employment in the production industries (June)	*Gazette*	Department of Employment
Overtime and short-time working in manufacturing industries (June)		
Stoppages of work due to industrial disputes (July)		
Energy Trends	PN	Department of Energy
31 Fri		
Car and commercial vehicle production (July – final)	*Trade and Industry*	Department of Industry

PN Press notice.

Inquiries: 01-233 6135/6193.

Table 1 **Output and costs of foreign enterprises: analysis by nationality of enterprise, 1975**

United Kingdom private sector enterprises in manufacturing [1] [2]

	Enterprises	Establishments	Employment: Total [3]	Employment: Operatives	Employment: Others [4]	Wages and salaries: Operatives: Total	Wages and salaries: Operatives: per head	Wages and salaries: Others [4]: Total	Wages and salaries: Others [4]: per head	Total sales and work done [5]	Gross output	Net output: Total	Net output: per head	Gross value added at factor cost: Total	Gross value added at factor cost: per head	Capital expenditure: Total net [6]	Capital expenditure: Acquisitions	Capital expenditure: Disposals	Total stocks and work in progress: Increase during year	Total stocks and work in progress: Value at end of year
	No.	No.	'000	'000	'000	£ m	£	£ m	£	£ m	£ m	£ m	£	£ m	£	£ m	£ m	£ m	£ m	£ m
Private sector enterprises Total all enterprises in UK	86 646	103 778	7 118.7	5 121.1	1 924.7	11 901.5	2 324	5 906.8	3 069	87 100.8	88 729.5	35 402.9	4 973	31 018.8	4 357	3 016.0	3 266.0	250.0	1 618.5	18 685.7
Total all foreign enterprises	1,030	2 121	925.7	628.1	297.2	1 663.3	2 648	1 010.1	3 399	17 152.6	17 379.0	5 878.6	6 350	5 082.2	5 490	579.3	607.2	27.9	155.8	3 639.4
Total European Economic Communities	187	356	117.9	79.5	38.3	195.8	2 462	127.6	3 329	2 642.4	2 661.6	741.0	6 284	628.8	5 332	101.1	104.9	3.8	−49.5	511.3
France	49	77	31.3	121.9	9.4	57.3	2 620	29.1	3 092	387.7	397.3	177.9	5 678	150.2	4 793	12.8	13.8	1.0	6.4	72.7
Germany, Federal Republic	53	94	13.0	8.5	4.5	18.9	2 220	13.8	3 084	161.6	163.6	70.0	5 369	55.0	4 218	7.7	8.0	0.4	0.9	33.8
Netherlands	42	122	63.0	41.0	21.9	102.3	2 493	77.5	3 538	1 902.2	1 907.0	427.5	6 791	365.6	5 808	72.5	74.4	1.9	61.7	376.8
Denmark	14	20	2.5	1.8	0.7	4.1	2 318	2.0	3 018	101.6	103.3	27.7	11 214	24.9	10 105	6.4	6.6	0.2	2.2	10.1
Irish Republic	15	22	4.9	4.0	0.9	7.8	1 979	2.5	2 722	56.7	57.1	22.7	4 656	19.6	4 017	1.0	1.1	0.1	0.9	7.7
Rest of EEC	14	21	3.3	2.3	0.9	5.3	2 254	2.7	2 832	32.7	33.3	15.4	4 687	13.5	4 137	0.8	1.1	0.3	1.5	10.1
Total all other foreign enterprises	843	1 765	807.8	548.6	258.9	1 467.5	2 675	882.5	3 409	14 510.2	14 717.4	5 137.6	6 360	4 453.4	5 513	478.2	502.3	24.0	205.6	3 128.1
Australia	20	79	18.2	12.4	5.7	37.7	3 041	18.8	3 283	221.2	223.1	120.5	6 638	99.1	5 460	4.5	5.0	0.5	1.7	34.3
Canada	38	133	60.3	39.8	20.5	124.6	3 130	68.2	3 331	1 082.2	1 123.5	396.0	6 564	355.3	5 889	40.7	41.7	1.0	48.0	305.5
Norway	10	13	0.6	0.5	0.1	0.9	1 911	0.4	3 256	8.0	8.4	2.7	4 583	2.1	3 611	0.4	0.4	–	0.3	1.6
South Africa	6	14	7.2	5.6	1.6	14.9	2 670	5.7	3 512	333.8	337.1	56.6	7 848	52.1	7 217	4.1	4.2	0.1	6.1	38.1
Sweden	37	57	17.3	11.6	5.7	29.3	2 523	18.8	3 317	204.0	214.9	88.0	5 097	74.5	4 315	9.2	9.7	0.4	10.9	69.7
Switzerland	50	112	43.2	28.8	14.4	69.2	2 406	47.5	3 286	633.2	651.0	217.3	5 025	179.3	4 147	31.2	33.4	2.2	4.4	186.7
United States of America	665	1 327	658.2	447.9	210.0	1 186.0	2 648	720.8	3 432	11 992.6	12 123.5	4 245.8	6 451	3 682.2	5 594	386.3	406.0	19.7	134.0	2 484.7
Rest of world	17	30	2.8	2.0	0.8	4.9	2 383	2.3	3 080	35.2	35.9	10.6	3 809	8.7	3 129	1.8	1.8	—	0.2	7.5

Notes to table 1

[1] The term enterprise means one or more establishments under common ownership or control. Foreign enterprises are those controlled or owned by companies incorporated overseas. [2] Including estimates for establishments not making satisfactory returns, non-response and establishments employing less than 20 persons. [3] Average number employed (full and part-time) during the year (including working proprietors) by the establishments. [4] Administrative, technical and clerical employees. [5] Including sales of goods merchanted or factored, and services rendered. [6] New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery. Capital expenditure in respect of establishments where production had not commenced before the end of the year, is included.

Table 2 **Output and costs of foreign enterprises: analysis by order, 1975**

United Kingdom private sector enterprises in manufacturing [1] [2]

Standard Industrial classification orders [3]		Establishments	Employment: Total [4]	Employment: Operatives	Employment: Others [4]	Wages and salaries: Operatives: Total	Wages and salaries: Operatives: per head	Wages and salaries: Others: Total	Wages and salaries: Others: per head	Total sales and work done [5]	Gross output	Net output: Total	Net output: per head	Gross value added at factor cost: Total	Gross value added at factor cost: per head	Capital expenditure: Total net [7]	Capital expenditure: Acquisitions	Capital expenditure: Disposals	Total stocks and work in progress: Increase during year	Total stocks and work in progress: Value at end of year
		No.	'000	'000	'000	£ m	£	£ m	£	£ m	£ m	£ m	£	£ m	£	£ m	£ m	£ m	£ m	£ m
III-XIX	Private sector enterprises All manufacturing industries	2 121	925.7	628.1	297.2	1 663.3	2 648	1 010.1	3 399	17 152.6	17 379.0	5 878.6	6 350	5 082.2	5 590	579.3	607.2	27.9	155.8	3 639.4
III	Food, drink and tobacco	135	79.4	61.6	17.7	152.4	2 473	56.7	3 199	2 390.3	2 449.9	672.0	8 467	561.5	7 074	57.5	60.5	3.0	59.8	424.0
IV	Coal and petroleum products	33	11.1	7.2	3.8	26.6	3 677	17.7	4 631	3 351.3	3 352.0	424.1	38 326	400.4	36 185	55.0	56.3	1.3	−45.6	499.8
V	Chemicals and allied industries	268	94.1	52.3	41.8	139.1	2 661	147.8	3 539	2 134.1	2 145.8	789.0	8 385	626.7	6 660	131.6	136.1	4.6	−9.8	454.4
VI	Metal manufacture	56	21.8	15.6	6.2	43.7	2 806	21.4	3 432	624.9	629.0	128.0	5 865	112.4	5 153	41.1	41.4	0.3	1.8	133.9
VII	Mechanical egineering	411	149.0	90.0	59.0	243.0	2 700	186.3	3 160	1 801.4	1 855.8	886.8	5 950	770.1	5 167	62.0	67.4	5.4	63.4	563.3
VIII	Instrument engineering	108	40.7	26.1	14.6	57.8	2 217	45.1	3 093	328.4	340.5	169.9	4 176	149.7	3 681	20.4	21.6	1.2	18.1	137.4
IX	Electrical engineering	249	145.7	94.3	51.4	212.2	2 250	167.6	3 263	1 528.8	1 565.7	730.0	5 011	652.2	4 476	55.3	58.0	2.9	21.9	403.6
X-XI	Shipbuilding and marine engineering and vehicles	94	180.4	138.9	41.4	419.2	3 017	180.6	4 358	2 604.4	2 624.5	955.2	5 295	853.7	4 733	74.2	78.6	4.4	31.4	581.2
XII	Metal goods not elsewhere specified	149	42.3	29.5	12.8	71.2	2 416	36.3	2 833	472.7	480.6	207.4	4 901	180.4	4 262	14.5	15.8	1.3	9.4	110.9
XIII	Textiles	77	23.6	18.1	5.4	43.0	2 370	16.9	3 129	312.3	312.1	113.0	4 799	96.2	4 086	17.8	18.4	0.6	−3.1	62.4
XIV-XV	Leather, leather goods and fur and clothing and footwear	28	9.5	7.4	2.1	11.9	1 609	5.7	2 720	80.3	83.7	39.7	4 181	34.4	3 624	0.9	1.0	0.1	3.2	20.4
XVI	Bricks, pottery, glass, cement, etc.	78	19.8	14.5	5.3	36.7	2 527	16.9	3 180	217.7	219.4	107.7	5 428	91.5	4 612	10.6	11.0	0.4	2.4	37.3
XVII	Timber, furniture, etc	33	2.9	2.2	0.7	5.4	2 462	2.0	2 968	33.5	33.9	16.4	5 709	13.5	4 688	1.4	1.4	–	–	5.4
XVII	Paper, printing and publishing	252	48.0	29.7	18.2	92.0	3 104	57.8	3 169	604.6	610.8	308.7	6 437	252.7	5 270	13.1	14.2	1.0	0.7	72.4
XIX	Other manufacturing industries	150	57.5	40.7	16.8	109.1	2 677	51.3	3 058	668.0	675.2	330.7	5 750	286.8	4 985	23.9	25.4	1.4	2.1	133.1

Notes to table 2:

[1] The term enterprise means one or more establishments under common ownership or control. Foreign enterprises are those controlled or owned by companies incorporated overseas. [2] Including estimates for establishments not making satisfactory returns, non-response and establishments employing less than 20 persons. [3] References to orders are to those in the Standard Industrial Classification (revised 1968). [4] Average number employed (full and part-time) during the year (including working proprietors) by the establishment. [5] Administrative, technical and clerical employees. [6] Including sales of goods merchanted or factored, and services rendered. [7] New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery. Capital expenditure in respect of establishments where production had not commenced before the end of the year, is included.

Table 3 **Employment, net capital expenditure and net output of foreign enterprises: analysis by region and assisted areas, 1975**
United Kingdom private sector enterprise in manufacturing [1] [2]

Standard region or country	Type of area	Employment [3]		Net capital expenditure [4]		Net output and employment in the region of foreign enterprises whose establishments have more than 80 per cent of their employment in the region [5]		
		Thousand	per cent of United Kingdom	£ m	per cent of United Kingdom	Estimated net output £ m	Employment as a percentage of total employment in the region	Net output as a percentage of United Kingdom total
North	Total	41.9	4.5	56.1	9.7	145.0	57.3	2.5
	Special development	30.9	3.3	21.3	3.7	85.4		
	Development	11.0	1.2	34.8	6.0	59.6		
Yorkshire and Humberside	Total	51.9	5.6	39.3	6.8	292.3	77.6	5.0
	Development, Intermediate	51.9	5.6	39.3	6.8	292.3		
East Midlands	Total	34.0	3.7	23.4	4.0	180.9	74.4	3.1
	Non-assisted	26.8	2.9	19.2	3.3	146.6		
	Intermediate	3.5	0.4	2.4	0.4	17.8		
	Derelict land clearance	3.7	0.4	1.9	0.3	16.6		
East Anglia	Total	36.8	4.0	22.1	3.8	164.8	75.7	2.8
	Non-assisted	36.8	4.0	22.1	3.8	164.8		
South east	Total	347.9	37.6	179.6	31.0	1 361.8	49.8	23.2
	Non-assisted	347.9	37.6	179.6	31.0	1 361.8		
South west	Total	31.3	3.4	16.8	2.9	97.8	59.7	1.7
	Non-assisted	24.9	2.7	14.6	2.5	74.7		
	Development, Intermediate	6.4	0.7	2.2	0.4	23.1		
West midlands	Total	77.0	8.3	30.3	5.2	276.9	66.1	4.7
	Non-assisted	60.7	6.6	27.1	4.7	263.9		
	Derelict land clearance	16.3	1.8	3.3	0.6	13.0		
North west	Total	122.9	13.3	71.7	12.4	404.7	47.9	6.9
	Special development	46.0	5.0	24.8	4.3	120.5		
	Intermediate	76.9	8.3	46.9	8.1	284.2		
England	Total	743.7	80.3	439.4	75.8	2 924.2	56.3	49.7
	Non-assisted	497.1	53.7	262.5	45.3	2 011.8		
	Special development	76.9	8.3	46.1	8.0	205.9		
	Development	13.6	1.5	35.5	6.1	69.9		
	Intermediate	136.0	14.7	90.2	15.6	607.1		
	Derelict land clearance	20.0	2.2	5.1	0.8	29.6		
Wales	Total	48.5	5.2	64.8	11.2	238.8	74.1	4.1
	Special development	16.2	1.7	5.0	0.9	63.0		
	Development	22.6	2.4	48.8	8.4	134.6		
	Intermediate	9.7	1.1	11.1	1.9	41.2		
Scotland	Total	101.2	10.9	54.1	9.3	474.0	81.1	8.1
	Special development	63.8	6.9	36.4	6.3	310.8		
	Development	37.5	4.0	17.7	3.1	163.2		
Great Britain		893.4	96.5	558.3	96.4	3 637.1	60.1	61.9
Northern Ireland		32.3	3.5	21.0	3.6	203.6	98.8	3.5
Unallocated		–	–	–	–	2 038.0	–	34.7
United Kingdom		925.7	100.0	579.3	100.0	5 878.6	61.5	100.0

Notes to table 3:
[1] The term enterprise means one or more establishments under common ownership or control. Foreign enterprises are those controlled or owned by companies incorporated overseas. [2] Including estimates for establishments not making satisfactory returns non-response and establishments employing less than 20 persons. [3] Average number employed (full and part-time) during the year (including working proprietors) by the establishment. [4] New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery. Capital expenditure in respect of establishments where production had not commenced before the end of the year, is included. [5] Where a census return covered addresses in two or more regions an estimate was made of the net output attributable to the region only where more than 80 per cent of the establishment's employees were located in the region. The estimate was made by assuming that net output at each address covered by a return was proportionate to the employment at the address. The establishment's residual net output is shown as unallocated net output.

This new 34-knot surface effect ship is the first of four built by Hovermarine International, of Southampton as patrol craft for the port of Rotterdam. The hull is formed so that it rides on a cushion of air contained within rigid sidewalls with flexible skirts at bow and stern. Unlike conventional hovercraft, the sidewalls are always in the water, slicing through it like a pair of parallel knives. This contributes to the craft's high manoeuvrability – it can stop in 45 metres from a speed of 30 knots and will turn almost on its own axis at low speed – and its operating economy.

Manufacturers' stocks in May

It is estimated that manufacturers' stocks fell by about £100 million at 1975 prices, seasonally adjusted in May 1979. Stocks of finished goods fell substantially – possibly reflecting pre-budget sales. Stocks of materials and fuel were unchanged and work in progress rose slightly.

Monthly figures from January 1978 are shown below:

Stock changes
£ million, 1975 prices, seasonally adjusted

1978		October	+60
January	−10	November	+60
February	+120	December	–
March	−70		
April	+190	**1979**	
May	+160	January	−10
June	−80	February	+30
July	+120	March	+70
August	+10	April	+180
September	+40	May	−100

Inquiries: 01-215 5215/3176.

Average earnings in May and wages in June

Average earnings of employees in Great Britain are estimated to have risen by 13.2 per cent between May 1978 and May 1979. This estimate is based on the monthly index for the whole economy, covering in total about 21 million employees, which was introduced from January 1976. Recent figures are given in table 1.

In the production and certain other industries, employing in total about 11 million employees, and covered by the older series index introduced from January 1963, earnings increased by about 14.2 per cent over the 12 months to May.

Indices of basic rates of wages

At the end of June nationally-negotiated basic weekly rates of wages of manual workers were on average 11.3 per cent higher than a year earlier. During June, the index of basic weekly rates increased from 289.5 to 293.2.

The indices only take account of changes in nationally-negotiated rates. The year-on-year increases up to March consequently reflect that national rates for engineering workers remained unchanged from February 1976 until April 1978. No national settlement for these workers has yet been agreed in 1979.

Inquiries: Department of Employment, Orphanage Road, Watford, Herts WD1 1PJ, tel. Watford 28500 ext. 319.

Table 1 **Index of average earnings of employees in Great Britain**

Whole economy (new) series, not seasonally adjusted

	Index Jan 1976 = 100	Percentage increase over 12 months
1978		
April	127.2	12.4
May	129.4	12.6
June	133.1	15.4
July	133.6	14.2
August	131.7	13.9
September	134.2	15.1
October	135.2	14.7
November	136.1	13.3
December	138.0	13.3
1979		
January	135.7	11.7
February	141.1	15.0
March	143.7	14.9
April	144.3	13.5
May p	146.5	13.2

p Provisional.

Table 2 **Index of average earnings in production industries and some services** [1]

Older series

	Seasonally adjusted			
	Index January 1970 = 100	Index January 1970 = 100	Percentage increase over previous month	Percentage increase over previous 12 months
1978				
October	345.6	344.5	1.5	16.5
November	347.9	344.5	0.0	14.4
December	351.2	350.1	1.6	15.1
1979				
January	344.4	344.7	−1.6	12.4
February	354.9	355.6	3.2	14.1
March	372.6	369.3	3.9	17.4
April	370.2	368.1	−0.3	13.6
May p	377.9	372.4	1.2	14.2

[1] Transport and communication (other than sea transport and postal services) and some miscellaneous services.
p Provisional.

Table 3 **Indices of basic rates of wages**

	Indices, 31 July 1972 = 100		Percentage increase over previous 12 months	
	Basic weekly rates	Basic hourly rates	Basic weekly rates	Basic hourly rates
1979				
31 January	282.8	284.6	19.5	19.5
28 February	284.9	287.0	19.8	19.9
31 March	285.8	287.9	19.7	19.9
30 April	288.2	290.3	11.5	11.6
31 May	289.5	291.6	11.4	11.5
30 June	293.2	295.3	11.3	11.4

Consumers' expenditure: second quarter

Preliminary estimates indicate that in the second quarter of 1979 the volume of consumers' expenditure (revalued at 1975 prices and seasonally adjusted) was about £17,609 million, an increase of 3½ per cent over the first quarter of 1979.

Between the first and second quarters of 1979 all areas of retail sales increased, particularly durable goods. There were also substantial increases in consumers' expenditure on motor vehicles and on alcoholic drink, but there was a sharp decrease in expenditure on fuel and light.

Inquiries: 01-233 6135/6193.

Index of retail prices for June

The index of retail prices for all items for 12 June 1979 was 219.6 (15 January 1974 = 100). This represents an increase of 1.7 per cent on May 1979 (215.9) and of 11.4 per cent on June 1978 (197.2).

The rise in the index in June was due to increases in the prices of food, particularly milk, meat and bread; to increases in the prices of petrol and cars; to an increase in the level of mortgage interest payments; and to smaller increases in the costs of many other goods and services. The movements for the main groups in the index are shown in table 2.

Notes

Price quotations used in the compilation of the June index were collected before any of the measures affecting retail prices which were included in the budget of 12 June came into effect. The reduction in the basic rate of income tax, however, has the effect of reducing tax relief on mortgage interest payments and this effect is taken into account in the June index.

The retail prices index measures the change from month to month in the average level of prices of goods and services purchased by most households in the UK. The expenditure pattern on which the index is based is revised each year using information from the family expenditure survey. The expenditure of certain higher income households and households of retired people dependent mainly on social security benefits is excluded.

The index covers a large and representative selection of more than 500 separate goods and services, for which price movements are regularly measured in more than 230 towns throughout the country. Approximately 150 000 separate price quotations are used each month in compiling the index.

Seasonal variations in the index of retail prices are due largely to a very few items of 'seasonal food' that is, those items of food the prices of which show significant seasonal variations. These items account for less than 5 per cent of total retail expenditure. If the variation caused by these items is removed, the underlying trend of the figures can be seen more clearly.

Rates of change of indices can be calculated over periods of any length. However, rates calculated over periods as long as 12 months are slow to detect changes in trend, while calculations over periods as short as three months give rather volatile results. To help in assessing trends, rates of changes in the all items index and the index for all items except seasonal food are shown in table 1 over successive periods of six months.

The index is given in full in the *Department of Employment Gazette*.

Inquiries: Watford 28500 ext. 630.

Table 2 **Index of retail prices: commodity breakdown**

	Indices (15 Jan 1974 = 100)		Percentage change over the month
	15 May 1979	12 June 1979	
All items	215.9	219.6	+1.7
All items excluding food	213.7	216.7	+1.4
Food	224.0	230.0	+2.7
Seasonal food	222.1	229.3	+3.2
Other food	224.6	230.3	+2.5
Alcoholic drink	209.2	209.8	+0.3
Tobacco	231.9	231.9	+0.0
Housing	206.9	211.2	+2.1
Fuel and light	238.0	241.3	+1.4
Durable household goods	194.6	196.3	+0.9
Clothing and footwear	181.6	183.7	+1.2
Transport and vehicles	230.2	236.6	+2.8
Miscellaneous goods	227.1	228.7	+0.7
Services	206.4	207.6	+0.6
Meals out	227.3	231.0	+1.6

Table 1 **Index of retail prices**

	All items				All items except seasonal foods		
	Index 15 Jan 1974 = 100	Percentage change over			Index 15 Jan 1974 = 100	Percentage change over	
		1 month	6 months	12 months		1 month	6 months
1979							
January	207.2	+1.5	+4.6	+9.3	207.3	+1.1	+4.3
February	208.9	+0.8	+4.8	+9.6	209.1	+0.9	+4.3
March	210.6	+0.8	+5.2	+9.8	210.6	+0.7	+4.6
April	214.2	+1.7	+6.5	+10.1	214.0	+1.6	+5.7
May	215.9	+0.8	+6.6	+10.3	215.9	+0.9	+5.9
June	219.6	+1.7	+7.5	+11.4	219.4	+1.6	+7.0

Engineering industries: indices of production up to April

The output of the combined engineering industries for the period February to April was significantly higher than in the preceding three months (November 1978 to January 1979). Not too much should be read into this however, because of the presence of January with its depressed level of production in the comparison period. Whilst the three monthly comparisons for both the mechanical and instrument engineering sectors show only a small increase in production, that for the electrical engineering sector is appreciably better.

The same three monthly comparisons for the majority of the industries within the mechanical engineering sector are showing rises in output, those for office machinery (MLH 3380) and mining machinery (MLH 3391) being exceptionally large. However, the industry with highest weight in this sector (industrial plant and fabricated steelwork MLH 3415) is registering a significant fall in output.

In the instrument engineering sector the small increase in production achieved by the major scientific and industrial instruments industry (MLH 3540) together with an exceptional increase in the photographic and copying equipment industry (MLH 3510) have offset the fall in output of 9 per cent experienced by the watches and clocks industry (MLH 3520).

Apart from a small fall in output suffered by the batteries industry (MLH 3692), all the other industries (out of those for which figures are individually available) in the electrical engineering sector are showing increases in production over the latest three months compared with three months earlier, the performance of the computers industry (MLH 3660) being the most pronounced.

Inquiries: On the article and the statistics: Miss L. John, Branch EcS3A, Department of Industry, Room 607, Dean Bradley House, 52 Horseferry Road, London SW1P 2AG, tel. 01-212 5770. Requests for quarterly indices for past years: Mr P. Coulson, Branch 5, Central Statistical Office, Great George Street, London SW1P 3AG, tel. 01-233 7239.

Indices of production for engineering industries
Seasonally adjusted volume indices

		1975 = 100				1977			1978				1979		
MLH		Weight (percentage)	1976	1977	1978	2nd qtr	3rd qtr	4th qtr	1st qtr p	2nd qtr p	3rd qtr p	4th qtr p	1st qtr p	Feb-Apr p	Per cent change Feb-Apr on previous 3 months
3310	Agricultural machinery	1.07	96.6	93.6	89.7	88.8	94.2	92.6	91.7	97.8	83.1	86.1	82.9	'1	
3320	Machine tools	2.94	83.3	80.0	81.2	78.9	79.2	79.9	79.9	80.4	82.7	81.6	82.4	87.2	+9
3331	Pumps	1.33	107.6	110.9	107.9	110.6	109.9	107.0	109.2	110.3	108.7	103.6	103.4	104.2	+1
3332	Valves	1.87	91.2	96.3	94.7	89.4	104.2	93.7	94.5	96.4	98.9	89.0	82.9	91.5	+15
3333/4	Compressors	1.90	97.9	101.4	100.8	98.0	102.4	105.1	103.7	100.5	102.3	96.6	93.6	96.1	+3
3340	Industrial engines	1.54	100.9	109.3	105.9	104.3	108.3	111.4	106.0	110.0	102.7	104.8	115.8	'	
3350	Textile machinery	1.89	69.6	46.7	42.6	44.2	43.4	47.0	41.5	43.8	41.4	43.9	34.9	37.7	+1
3360	Construction equipment	2.99	99.1	100.0	91.2	95.2	98.1	95.8	89.8	96.1	89.6	89.4	75.3	80.3	—
3370	Mechanical handling equipment	3.72	90.1	88.0	87.9	89.5	88.2	82.5	85.1	87.6	91.8	87.2	82.9	83.1	−2
3380	Office machinery	1.25	95.9	97.2	67.2	94.8	96.6	97.6	72.2	71.4	66.4	58.7	76.1	80.0	+30
3391	Mining machinery	1.54	93.1	87.2	102.0	86.0	86.5	95.5	105.2	99.3	107.0	96.8	111.0	119.6	+25
3392	Printing and paper machinery	1.05	86.7	86.6	100.4	85.5	83.9	87.9	85.6	104.0	99.8	112.0	'		
3393/4	Refrigerating and space-heating machinery	2.40	94.6	93.6	95.2	94.5	93.2	89.1	96.0	95.9	94.4	94.5	100.4	105.8	+15
3395/6	Weighing machinery and power tools	0.75	99.3	101.6	115.2	104.0	93.9	109.1	118.7	108.8	97.8	135.4	118.0	'	
3397/8	Food processing machinery and packaging machinery	1.62	93.6	90.0	88.6	89.5	96.2	82.3	88.0	88.4	90.9	87.3	78.8	77.3	−7
3399	Other non-electrical machinery	3.79	96.5	96.5	96.4	93.2	91.0	93.6	100.2	92.7	101.2	91.8	79.8	82.9	−3
3414	Constructional steelwork	3.51	93.1	79.0	81.3	78.6	80.2	75.7	77.3	83.4	82.3	82.1	70.8	'	
3415	Industrial plant and fabricated steelwork	9.59	101.9	101.2	101.3	103.3	101.7	99.8	97.7	98.0	108.1	101.4	96.5	94.0	−7
3491	Ball, roller and plain bearings	1.76	99.2	97.9	93.5	98.8	95.8	94.8	95.2	96.1	93.4	89.3	92.5	97.7	+13
	Other mechanical engineering	7.64	95.6	95.5	96.8	94.2	97.5	94.0	97.6	94.6	98.5	96.5	'		
	Mechanical engineering	54.14	95.1	93.2	92.7	92.2	93.2	91.5	92.0	92.4	94.7	91.8	87.9	90.2	+2
3510	Photographic and copying equipment	0.42	99.7	103.1	136.3	105.3	108.3	98.4	129.6	134.6	141.8	139.1	133.1	160.0	+39
3520	Watches and clocks	0.51	91.3	90.5	100.4	88.1	96.8	91.2	89.6	97.1	106.8	108.0	85.7	88.7	−9
3530	Surgical instruments	1.42	91.5	89.2	87.6	88.4	89.0	88.0	86.3	86.1	88.6	89.2	89.1	'	
3540	Scientific and industrial instruments	4.80	98.4	102.0	108.6	102.4	102.2	103.4	104.5	109.0	108.2	112.5	109.3	111.9	+1
	Instrument engineering	7.15	96.6	98.7	105.4	98.7	99.6	99.2	101.3	105.1	106.2	109.1	105.0	108.5	+2
3610	Electrical machinery	6.81	97.6	102.1	101.8	101.2	103.9	103.1	108.2	100.1	102.2	96.9	100.4	105.4	+10
3620	Wires and cables	2.64	101.6	107.5	104.0	108.0	108.5	103.7	102.6	105.6	103.8	103.9	100.4	105.9	+7
3630	Telecommunications	4.62	86.8	72.2	68.1	71.6	73.5	70.9	66.9	70.9	65.7	68.7	'		
3640	Electronic components	5.18	106.6	121.4	132.5	121.3	120.8	123.9	131.9	134.8	135.1	128.4	136.5	140.7	+9
3651	Records and tapes	0.59	93.1	95.7	90.0	93.0	88.8	96.3	95.4	108.8	88.8	66.9	'		
3652	Broadcasting equipment	1.73	92.4	89.7	102.3	84.8	95.7	89.4	95.1	111.0	99.9	103.2	101.6	105.3	+6
3660	Computers	3.20	103.4	122.4	161.3	117.9	132.0	132.3	144.4	142.1	163.4	195.2	209.4	220.4	+15
3670	Electronic capital goods	5.37	104.5	116.0	117.7	113.3	114.2	121.3	116.6	113.8	116.4	124.1	124.5	'	
3680	Domestic electrical appliances	3.10	92.2	93.2	93.4	89.1	92.3	91.4	86.0	96.8	96.0	94.6	86.7	'	
3691	Electric parts for vehicles	2.15	97.3	89.7	90.6	97.7	74.9	92.8	97.9	89.6	90.9	84.1	86.8	87.7	+3
3692/3	Batteries	1.19	99.2	98.4	108.3	88.8	99.3	104.0	101.7	113.5	111.0	106.8	99.7	100.7	−2
3694	Lamps and other electrical	2.14	96.4	98.0	106.0	98.2	98.0	96.1	105.8	107.9	104.8	105.7	100.8	103.9	+2
	Electrical engineering	38.71	98.5	102.7	108.1	101.3	103.0	104.4	106.8	107.6	108.3	109.8	111.4	115.1	+6
	Combined engineering	100.00	96.5	97.3	99.6	96.2	97.4	97.1	98.4	99.2	100.8	100.0	98.2	101.1	+4

' Not available owing to insufficient response. p Provisional.

Government Publications in Wales
from
Her Majesty's Stationery Office, 41 The Hayes, Cardiff, CF1 1JW

Wool textile industry: output in April

The volume of production in the wool textile industry (as measured by the seasonally-adjusted index of production) in April 1979 was 9 per cent less than in April 1978. Statistics issued by the Wool Industry Bureau of Statistics show that in April 1979 woven fabrics (excluding blankets) were 4 per cent lower than in April 1978; deliveries of worsted yarns (excluding semi-worsted yarn) were 8 per cent lower. Production of wool and hair tops was 11 per cent less and that of man-made fibre tops was 9 per cent less.

Inquiries: Department of Industry, Room 524, Dean Bradley House, 52 Horseferry Road, London SW1P 2AG, tel. 01-212 0017/ 6474.

Right: new pure wool suit from Jaeger.

Output in the wool textile industry

	Consumption	Production			Deliveries			
	Raw wool (clean weight)	Tops		Woollen yarn [1]	Worsted yarn [2]	Woven fabrics (excluding blankets) [1]		Blankets [3]
		Wool and hair	Man-made fibres			Woollen	Worsted	
	million kg					million sq m		
1968	177.5	96.6	36.4	147.4	98.2	135.8	110.6	27.3
1969	174.5	92.0	42.2	142.2	100.5	130.1	109.2	26.9
1970	153.1	79.7	44.6	129.4	97.6	115.5	99.8	24.6
1971	141.2	66.2	36.6	130.7	93.0	101.9	83.9	28.5
1972	152.3	75.1	45.9	130.9	101.6	99.8	83.7	28.8
1973	136.6	62.2	55.9	135.2	100.0	104.0	88.4	30.6
1974	112.6	43.9	54.8	122.5	87.2	92.1	82.6	28.1
1975	110.6	46.8	44.4	112.1	75.5	76.8	74.6	24.7
1976	119.7	56.5	47.2	108.0	80.8	73.6	69.4	22.8
1977	113.5	52.3	45.3	105.7	81.2	78.8	71.3	22.2
1978	109.0	48.6	43.0	105.7	77.6	77.9	66.2	22.0
1976								
1st qtr	31.0	13.8	11.6	29.4	20.6	16.9	18.2	6.5
2nd	30.5	14.5	12.1	27.9	20.3	19.6	16.9	4.4
3rd	27.6	13.4	10.6	23.7	18.2	19.4	16.9	5.2
4th	30.6	14.6	13.0	27.0	21.7	17.9	17.5	6.5
1977								
1st qtr	32.4	15.3	12.6	29.0	23.1	19.6	18.8	6.7
2nd	29.8	13.9	11.9	27.2	20.2	21.1	18.1	4.8
3rd	24.5	11.1	10.4	23.0	17.5	19.7	16.4	4.4
4th	26.8	12.0	10.4	26.5	20.4	18.4	18.0	6.2
1978								
1st qtr	29.5	13.6	10.6	27.7	20.8	18.5	17.3	5.8
2nd	28.4	12.8	10.8	27.2	19.6	21.6	16.8	4.8
3rd	24.1	10.8	10.3	23.4	17.9	19.1	15.8	5.0
4th	27.0	11.4	11.3	27.4	19.3	18.7	16.3	6.4
1979								
1st qtr		11.9	9.3	29.0	19.6	19.0	16.3	5.3
1978								
January	9.7	4.5	3.0	9.3	6.9	6.0	5.8	2.2
February	9.5	4.5	3.1	8.8	6.7	5.9	6.0	1.5
March	10.3	4.6	4.5	9.6	7.2	6.6	5.5	2.1
April	9.7	4.4	3.2	9.2	6.9	6.8	5.5	1.8
May	9.3	4.2	4.1	8.8	6.4	6.9	5.4	1.5
June	9.4	4.2	3.5	9.2	6.3	7.9	5.9	1.5
July	7.8	4.1	3.9	6.6	5.3	6.3	5.0	1.3
August	7.3	2.7	2.4	8.2	6.0	5.9	5.1	1.6
September	9.0	4.0	4.0	8.6	6.6	6.9	5.7	2.1
October	9.1	3.8	4.2	9.7	7.5	6.8	5.9	2.1
November	10.2	4.4	3.6	10.5	7.0	6.8	6.0	2.0
December	7.7	3.2	3.5	7.2	4.8	5.1	4.4	2.3
1979								
January	9.0	3.7	2.2	9.2	6.4	6.0	5.5	1.6
February		3.7	3.3	9.4	6.3	6.0	5.0	1.8
March		4.5	3.8	10.4	6.9	7.0	5.8	1.9
April		4.1	3.3	8.3	6.4	6.0	4.9	1.4

Notes to table
[1] Estimated. [2] From January 1969 includes semi-worsted yarn: previously yarn of this type was not separately distinguished and the small quantities involved were divided between the worsted yarn headings. In April deliveries of semi-worsted yarn were 0.8 million kg. [3] Woven woollen fabrics include fabrics which are mainly woollen by weight of components and, similarly, woven worsted fabrics include fabrics which are mainly worsted by weight of components.

Production of man-made fibres in May

In the three months ended May 1979 the volume of production of man-made fibres, seasonally adjusted was estimated to have been 2 per cent lower than in the three months ended February 1979. Total production by weight of man-made fibres in May 1979 was 4 per cent more than in May 1978, output of continuous filament increased by 5 per cent and staple fibre increased by 4 per cent.
Inquiries: 01-212 0017 or 01-212 6474.

Man-made fibre production

Thousand metric tonnes

	Total	Continuous filament (singles)	Staple fibre
1968	539.1	241.8	297.4
1969	553.9	252.5	301.5
1970	599.4	257.6	341.9
1971	613.1	276.4	336.7
1972	626.5	264.0	362.5
1973	730.8	305.6	425.3
1974	627.6	271.0	356.6
1975	562.5	246.5	316.0
1976	618.4	270.7	347.7
1977	551.8	239.3	312.5
1978	607.2	240.6	366.6
1976			
1st qtr	159.8	70.0	89.8
2nd	157.5	69.7	87.7
3rd	140.4	62.4	78.0
4th	160.7	68.6	92.1
1977			
1st qtr	154.9	67.2	87.7
2nd	150.8	63.9	86.8
3rd	131.0	55.2	75.8
4th	115.1	53.0	62.1
1978			
1st qtr	150.1	60.6	89.5
2nd	156.2	62.2	94.0
3rd	141.6	56.8	84.8
4th	159.3	61.0	98.3
1979			
1st qtr	147.9	58.0	89.9
1978			
January	44.2	19.1	25.1
February	47.6	19.0	28.7
March	58.2	22.5	35.7
April	48.3	19.1	29.2
May	58.5	22.7	35.8
June	49.3	20.3	29.0
July	45.9	18.8	27.1
August	48.2	19.3	28.9
September	47.5	18.7	28.8
October	57.2	21.1	36.1
November	54.3	22.3	32.0
December	47.9	17.7	30.2
1979			
January	46.8	19.3	27.5
February	47.5	17.6	29.9
March	52.8	21.1	31.7
April	49.0	19.3	29.7
May	61.1	23.9	37.2

Source: Production stats: Man-made Fibres Producers Committee. Index of production: Department of Industry.

Index of the volume of production 1975 = 100

1973	129		1976	110	
1974	111		1977	98	
1975	100		1978	105	
	Actual	Seasonally adjusted		Actual	Seasonally adjusted
1977			Feb	107	99
1st qtr	111	107	Mar	117	106
2nd	107	102	April	102	99
3rd	91	97	May	118	116
4th	82	85	June	106	98
			July	94	96
1978			Aug	97	115
1st qtr	106	100	Sept	100	99
2nd	108	104	Oct	114	113
3rd	97	104	Nov	116	114
4th	109	112	Dec	96	109
			1979		
1979			Jan	97	100
1st qtr	103	97	Feb	104	96
			Mar	108	97
1978			April	103	101
Jan	92	94	May	123	122

Cotton industry: production in May

Statistics issued by the Textile Statistics Bureau show that in January-May 1979 the amount of cloth woven was 2 per cent higher than in January-May 1978. Production of single yarn decreased by 1 per cent and doubled yarn decreased by 5 per cent.
Inquiries: 01-212 0017 or 6474.

Production in the cotton industry
Annual totals and weekly averages

	Single yarn [1]		Doubled yarn		Woven cloth	
	Cotton yarn [2]	Spun man-made yarns and mixture yarn, inc. waste	Cotton yarn	Other	Cotton	Man-made fibre and mixtures
	mn kg				mn m	
1968	171.2	67.5	49.9	52.0	668.2	507.3
1969	166.2	73.2	46.8	60.9	661.5	538.1
1970	158.7	77.4	43.2	57.3	627.6	484.3
1971	133.0	83.3		85.0	559.1	479.8
1972	121.4	81.7		75.4	513.0	469.8
1973	115.4	92.5		82.1	453.2	502.3
1974	101.3	87.7		74.7	409.5	505.3
1975	94.4	76.4		68.4	405.4	503.0
1976	106.9	76.1		69.4	374.5	492.9
1977	98.1	77.6		69.8	368.3	497.5
1978	91.3	75.8		60.6	380.0	458.4
1978						
Jan	2.0	1.5		1.3	7.7	10.0
Feb	2.0	1.6		1.3	8.0	10.0
Mar [3]	1.6	1.2		1.1	6.8	8.2
Apr	2.0	1.6		1.3	8.2	9.4
May [3]	1.8	1.6		1.2	7.5	8.7
Jun	1.4	1.3		1.0	8.2	8.8
Jul	1.6	1.3		1.1	4.6	6.6
Aug [3]	1.8	1.6		1.2	7.9	8.6
Sep	1.5	1.3		1.0	6.5	8.2
Oct	1.9	1.7		1.3	8.0	10.0
Nov [3]	2.0	1.7		1.3	8.0	9.7
Dec	1.4	1.2		1.0	5.9	7.6
1979						
Jan [3]	1.8	1.4		1.1	7.5	9.3
Feb	2.0	1.5		1.3	8.0	10.2
mar	2.0	1.6		1.3	8.2	10.4
Apr	1.5	1.3		1.0	6.4	8.7
May [3]	1.9	1.6		1.2	7.3	9.4

[1] Spun in cotton industry. [2] Including yarns wholly of cotton waste and mixture yarn of cotton and cotton waste. [3] Average of five weeks.

Hosiery and other knitted goods: index of production in May

In the three months ended May 1979 the volume of production of hosiery and other knitted goods (including knitted fabrics), seasonally adjusted, was provisionally estimated to have been 6 per cent lower than in the three months ended May 1978.

In using the index numbers shown in the table, it should be borne in mind that, when price increases are large, the various problems associated with constructing a constant value series become more acute. Because of these difficulties the relative accuracy of the estimates is likely to have been reduced in recent years. The actual figures allow for differences in the length of calendar months, but not for other seasonal variations.
Inquiries: 01-212 0017 or 01-212 6474.

Hosiery and other knitted goods, including warp knitting 1975 = 100

	Actual	Seasonally adjusted
1973	105	
1974	103	
1975	100	
1977		
1st qtr	97	108
2nd	98	104
3rd	108	107
4th	121	105
1978		
1st qtr	93	105
2nd	98	103
3rd	108	106
4th p	115	100
1979		
1st qtr p	91	102
1978		
Jan	88	104
Feb	100	106
Mar	92	105
1976	106	
1977	106	
1978 p	104	
	Actual	Seasonally adjusted
April	99	104
May	92	101
June	103	103
July	94	101
Aug	108	112
Sep	120	105
Oct p	128	101
Nov p	125	102
Dec p	91	97
1979		
Jan p	83	99
Feb p	96	102
Mar p	94	104
April p	85	92
May p	86	96

p Provisional.

Carpet industry sales in April

The daily rate of carpet manufacturer's sales by value in April 1979 at current prices was provisionally estimated to have been 7 per cent more than in April 1978 assuming 19 working days in April 1979 and 20 working days in April 1978. In the three months ended April 1979 the daily rate of manufacturers' sales was provisionally estimated to have been 12 per cent more than in the corresponding period 12 months ago assuming 61 working days in both periods. The index numbers which are of manufacturers' sales by value, have been adjusted for the length of the working month, but not for non-statutory holidays or other seasonal factors. The wholesale price index of carpets is shown as a guide to the movement in prices.

Inquiries: 01-212 0017.

Index of carpet manufacturers' sales 1975 = 100

	Index of manufacturers' sales at current prices	Wholesale price index
1974	89	86.7
1975	100	100.0
1976	114	115.7
1977	127	134.7
1978	142	149.7
1978		
1st qtr	134	145.8
2nd	139	147.0
3rd	135	151.7
4th	159	154.3
1979		
1st qtr	135	159.0
1978		
January	125	144.2
February	133	146.6
March	143	146.6
April	142	146.8
1979		
January	91	156.5
February	155	160.1
March	161	160.2
April	152	161.0

Patents recorded 'licences of right'

Under section 46 of the Patents Act 1977 the register was noted 'licences of right' in respect of the following patents on the date specified:

3 July 1979

1523301 W. and T. Avery Ltd
Compensation of differential temperature drift
1523729 W. and T. Avery Ltd
Digital filtering
1530796 W. and T. Avery Ltd
Force transducers
1535094 W. and T. Avery Ltd
Analogue-to-digital conversion
1079152 Thomson-Brandt
Enamelled electrical conductors
1084796 Thomson-Brandt
Improvements in or relating to multi-conductor cables
1140737 Thomson-Brandt
Polyethylene base insulation
1200750 Thomson-Brandt
Improvements in electric cables
1079456 Matsushita Electric Industrial Co Ltd
Improvements in or relating to ferromagnetic materials
1091696 Matsushita Electric Industrial Co Ltd
Improvements in or relating to piezoelectric ceramic compositions
1341447 International Standard Electric Corporation
Addressing system for stored program unit
1476814 International Standard Electric Corporation
Digital conference bridge
1351739 Norman Frederick Watson
Improvements in semi-trailer support gear
1427605 Societe Nationale Elf Aquitaine and Institut Francis du Petrole
Yeasts
1428502 Ananda Anlageanstalt
Improvements in or relating to a ball-point pen
1467742 ITT Industries Inc
Driver circuit for the electromechanical transducer of a quartz clock
1509375 Les Round Products Ltd
Board games
1541617 Sigismondo Piva SpA
Automatic apparatus for obtaining ring-shaped articles from an elongated plait of strip of textile material
1541736 Jac Howard Karlan
A combination vibration isolator and shock absorber

9 July 1979

1141405 Matsushita Electric Industrial Co Ltd
Insulating method for electrical machinery and apparatus
1171429 Matsushita Electric Industrial Co Ltd
A method of duplicating a magnetic tape
1241302 Matsushita Electric Industrial Co Ltd
Heat-sensitive high molecular weight resistors
1242085 Matsushita Electric Industrial Co Ltd
A recording device
1325108 Matsushita Electric Industrial Co Ltd
A solid state switch
1329518 Matsushita Electric Industrial Co Ltd
Improvements in and relating to a contactless control system for volume control and power on-off control
1334499 Matsushita Electric Industrial Co Ltd
Improvements in and relating to antenna system
1352595 Matsushita Electric Industrial Co Ltd
Improvements in and relating to web cartridge ejection arrangements
1355208 Matsushita Electric Industrial Co Ltd
Channel indicating arrangement for television receivers
1356670 Matsushita Electric Industrial Co Ltd
Semi-conductor device
1358766 Matsushita Electric Industrial Co Ltd
Color television signal recording and reproducing system
1362836 Matsushita Electric Industrial Co Ltd
Radio mobile station detecting system
1363603 Matsushita Electric Industrial Co Ltd
Improvements in and relating to pressure-sensitive resistor element and method for producing the same
1365945 Matsushita Electric Industrial Co Ltd
Improvements in and relating to recording arrangements
1372856 Matsushita Electric Industrial Co Ltd
Improvements in and relating to saw tooth generator

Any person who claims that the proprietor of the patent is, and was at the time of entry, precluded by a contract in which the claimant is interested from granting licences under the patent may, within three months after the making of the relevant entry, apply to the Comptroller on patents form 31/77 for cancellation of the entry.

I. J. G. Davis, Comptroller

British Film Fund (the 'Eady' levy) distribution

Provisional distributions made by the British Film Fund Agency for the period ended 26 May 1979 [1]:

Title of film	Date of registration	Provisional payment (£)	Payee [2]
High cost films [3]			
Emily	7.3.77	223	Brent Walker Film Distributors Ltd
The Stud	11.4.78	1 486	Brent Walker Film Distributors Ltd
Watership Down	22.9.78	70 189	Cinema International Corporation (UK)
Confessions Of A Driving Instructor	21.7.76	1 123	Columbia Pictures Corporation Ltd
Confessions Of A Window Cleaner	28.8.74	1 122	Columbia Pictures Corporation Ltd
Force 10 From Navarone	6.12.78	1 650	Columbia Pictures Corporation Ltd
Midnight Express	21.7.78	26 172	Columbia Pictures Corporation Ltd
Rosie Dixon Night Nurse	10.2.78	204	Columbia Pictures Corporation Ltd
Sinbad And The Eye Of The Tiger	23.6.77	729	Columbia Pictures Corporation Ltd
Born To Run	16.9.77	166	Walt Disney Productions Ltd
Candleshoe	8.2.78	167	Walt Disney Productions Ltd
Ride A Wild Pony	28.10.76	599	Walt Disney Productions Ltd
Death On The Nile	28.9.78	9 890	EMI Films Ltd
The Man Who Fell To Earth	17.3.76	162	EMI Films Ltd
Sweeney 2	17.4.78	181	EMI Films Ltd
Warlords of Atlantis	14.6.78	1 345	EMI Films Ltd
Side By Side	24.12.75	2 973	GTO Films (Distributions) Ltd
Carry On Emmanuelle	21.11.78	143	Hemdale International Films Ltd
Hound Of The Baskervilles	30.10.78	468	Hemdale International Films Ltd
Tommy	15.4.75	717	Hemdale International Films Ltd
The Medusa Touch	20.6.78	3 400	ITC Film Distributors Ltd
Monty Python And The Holy Grail	2.4.75	8 327	National Film Trustee Co Ltd
International Velvet	19.7.78	266	Peerford Ltd
The Legacy	22.9.78	199	Pethurst Ltd
Deadly Strangers	8.4.75	818	Rank Film Distributors Ltd
The Ghoul	28.5.75	309	Rank Film Distributors Ltd
Legend Of The Werewolf	30.10.75	309	Rank Film Distributors Ltd
The Riddle Of The Sands	19.4.79	1 012	Rank Film Distributors Ltd
Tarka The Otter	26.1.79	2 771	Rank Film Distributors Ltd
The Thirty Nine Steps	20.11.78	14 178	Rank Film Distributors Ltd
The Wild Geese	5.7.78	1 581	Rank Film Distributors Ltd
Cruel Passion	17.2.78	225	Target International Pictures Ltd
The First Great Train Robbery	20.12.78	1 891	United Artists Corporation Ltd
Revenge Of The Pink Panther	13.7.78	325	United Artists Corporation Ltd
The Spy Who Loved Me	6.7.77	4 043	United Artists Corporation Ltd
The Ritz	10.11.76	331	Warner Bros Distributors Ltd
Superman	13.12.78	152 625	Warner Bros Distributors Ltd
Low cost films [4]			
What's Up Superdoc	21.9.78	4 513	Blackwater Film Productions Ltd
A Lustful Lady	26.6.78	184	Border Film Productions (London) Ltd
Naughty Girls	4.9.75	244	Border Film Productions (London) Ltd
Satan's Slave	1.12.76	11 969	Brent Walker Film Distributors Ltd
The Deadly Females	24.11.76	198	Donwin Productions Ltd
Terror		1 776	Entertainment Film Distributors Ltd
The Detour	12.2.79	6 731	GTO Films (Distributions) Ltd
Radio One On The Road	14.10.76	155	GTO Films (Distributions) Ltd
Shut Down	25.1.78	2 560	GTO Films (Distributions) Ltd
Bangladesh I Love You	17.1.79	1 159	ITC Film Distributors Ltd
British Hustle	17.1.79	1 800	ITC Film Distributors Ltd
Frightmare	3.2.75	331	Miracle Films Ltd
I'm Not Feeling Myself Tonight	4.3.76	3 610	New Realm Distributors Ltd
The Rise And Fall Of Ivor Dickie	29.3.78	111	New Realm Distributors Ltd
Intimate Teenage Secrets	2.3.76	135	Nitrev Entertainments Ltd
The Brute	7.11.77	117	Rank Film Distributors Ltd
Erotic Inferno/ Adam And Nicole	20.5.75	250	Reynoldstown Ltd
Killer's Moon	8.11.78	1 737	Rothernorth Ltd
Let's Get Laid	2.6.78	165	Target International Pictures Ltd
Penelope Pulls It Off	30.12.75	101	Target International Pictures Ltd
Sweet Virgin	8.3.78	388	Target International Pictures Ltd
Come Play With Me	25.3.77	6 481	Tigon Film Distributors Ltd
Intimate Games	21.4.76	305	Tigon Film Distributors Ltd
The Playbirds	19.6.78	2 667	Tigon Film Distributors Ltd
Big Banana Feet	31.10.77	115	Unicorn Leisure Ltd
Sextet	6.8.76	200	Watchgrove Ltd
Short Films [5]			
Christmas Tree	19.12.75	224	The Black and White Colour Film Co Ltd
The Morning Spider	25.3.77	478	The Black and White Colour Film Co Ltd
Highways And Byways	8.2.78	733	Carrick Ford Productions Ltd
Beyond The Sound Barrier	6.4.78	504	Cinema International Corporation (UK)
Coming Home	24.12.74	140	Cinema International Corporation (UK)
Cruisin'	27.5.77	556	Cinema International Corporation (UK)
Dog Days	5.8.77	1 227	Cinema International Corporation (UK)
Echoes	23.2.78	304	Cinema International Corporation (UK)
French Leave	28.3.77	160	Cinema International Corporation (UK)
Harvest	6.9.78	171	Cinema International Corporation (UK)
Hot Wheels	5.9.78	824	Cinema International Corporation (UK)
Iron Men	30.8.78	2 224	Cinema International Corporation (UK)
The Long White Trail	25.6.74	264	Cinema International Corporation (UK)
Marine Merchants	11.5.76	330	Cinema International Corporation (UK)
Queen At The Rainbow	5.2.76	973	Cinema International Corporation (UK)
Revolutions In Fast Circles	29.7.76	134	Cinema International Corporation (UK)
Sailorman	10.11.76	905	Cinema International Corporation (UK)
Seychelles The Smiling Islands	16.3.76	220	Cinema International Corporation (UK)
Trinidad And Tobago	7.3.78	533	Cinema International Corporation (UK)
Walk On	15.5.78	752	Cinema International Corporation (UK)
What'll You Have	7.10.77	257	Cinema International Corporation (UK)
Bovver Boots	19.5.78	226	Columbia Pictures Corporation Ltd
The Model Look	20.7.77	105	EMI Films Ltd
Sea Area Forties	2.4.76	120	EMI Films Ltd
World Within A Ring	3.2.77	358	EMI Films Ltd
Falling Angels	28.4.75	168	Equarealm Ltd
The Contraption	23.2.78	163	GTO Films (Distributions) Ltd
Dawnbreakers	2.1.76	112	Hemdale International Films Ltd
Beneath The North Sea	27.6.78	1 070	ITC Film Distributors Ltd
Flight to Paradise	19.1.79	1,358	ITC Film Distributors Ltd
A Matter Of Taste	28.6.77	594	Polonius Film Services
The Meeting Place	19.12.77	398	Polonius Film Services
Romantic Journey	25.8.77	573	Polonius Film Services
Bon Bini Welcome	4.10.76	215	Queensway Promotions Ltd
California Triple	21.8.78	788	Queensway Promotions Ltd
City of Angels	28.6.77	212	Queensway Promotions Ltd
Concorde	11.8.76	142	Queensway Promotions Ltd
Don't Call It Frisco	18.12.78	3 474	Queensway Promotions Ltd
53° North – 10° East	12.8.75	103	Queensway Promotions Ltd
Good Health	3.11.78	857	Queensway Promotions Ltd
Great Adventure	19.12.77	379	Queensway Promotions Ltd
Guards on Parade	7.12.78	1 166	Queensway Promotions Ltd
Guns At The Wood	8.12.75	482	Queensway Promotions Ltd
Hiati	25.8.77	162	Queensway Promotions Ltd
Highway 5	29.11.77	375	Queensway Promotions Ltd
The Italian Taste	21.8.78	360	Queensway Promotions Ltd
Sabre 226	31.3.78	260	Queensway Promotions Ltd
Sea The Caribbean	13.4.76	152	Queensway Promotions Ltd
Sea World	19.12.77	1 026	Queensway Promotions Ltd
Three Jewels	5.7.77	183	Queensway Promotions Ltd
Time On Your Hands	16.3.79	6 326	Queensway Promotions Ltd
Vintage Italiana	31.3.78	295	Queensway Promotions Ltd
Viva Verona	1.2.79	606	Queensway Promotions Ltd
Yellow Rose	27.10.75	115	Queensway Promotions Ltd
Yep And Nope	18.6.75	476	Queensway Promotions Ltd
Columbus Link	5.2.79	690	Rank Film Distributors Ltd

'T & I' index inquiries

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Title of film	Date of registration	Provisional payment (£)	Payee [2]
Diamonds	21.12.78	6 018	Rank Film Distributors Ltd
The Great Pram Race	1.2.78	800	Rank Film Distributors Ltd
Happy To Meet	8.8.75	934	Rank Film Distributors Ltd
Red	24.1.79	1 996	Rank Film Distributors Ltd
Wildlife USA	30.10.75	115	Rank Film Distributors Ltd
Wedgewood	28.6.78	328	Wright and Webb Syrett and Sons

Notes
[1] Excludes all films earning less than £100 in the current period and all newsreels. Details of these films will be shown in the annual tables. [2] The payee is either the maker or the assignee of the maker's rights, or a person nominated to receive payments on behalf of the maker or his assignee. [3] Long films (ie films with a running time of 33⅓ minutes and over) the labour costs of which exceed £50,000. [4] Long films, the labour costs of which do not exceed £50,000. [5] Films with a running time of less than 33⅓ minutes.

Screen quota for 1980

Under the Films Acts 1960 to 1970, as amended by section 8 of the European Communities Act 1972, exhibitors must show each year a prescribed percentage of British and/or community films.

Pending the outcome of the current review of films' policy, the Secretary of State for Trade has accepted the Cinematograph Films Council's recommendation that the quota percentage for 1980 shall be 30 per cent for films exhibited as 'first feature films' and 25 per cent for films exhibited in the 'supporting programme'.

Registrations of British, community and foreign films

The following are details of films registered by the Department of Trade under the Films Acts 1960 to 1970, as amended by the European Communities Act 1972, during the week ended Friday, 20 July 1979.

BR/E indicates that the film is a British quota film, EC that the film is a quota film. The date which forms part of the registration number of each is the date on which quota life of the film expires.

Title of film	Registered no.	Playing time minutes	Date of registration	Registered in the name of	Maker's name
BRITISH					
Rock Solid	BR/E 40123/21/7/84	14	17 July	Columbia-EMI-Warner Distributors Ltd	Ilustra Films Ltd
Outer Touch	BR/E 40126/21/7/84	81	18 July	Miracle International Films Ltd	Three Six Two Film Productions Ltd
Porridge	BR/E 40127/21/7/84	94	18 July	ITC Film Distributors Ltd	Witzend Productions Ltd
FOREIGN					
My Love Has Been Burning	F 40124	90	18 July	Cinegate Ltd	Kenji Mizoguchi, Tokyo
Captain Lust And The Pirate Women	F 40125	55	18 July	Amanda Films Ltd	Anonymous Releasing Triumvirate Inc, New York
Boulevard Nights	F 40128	101	19 July	Columbia-EMI-Warner Distributors Ltd	Warner Bros Inc, California
Hair	F 40129	120	19 July	United Artists Corporation Ltd	Curtis-York Inc, New York
Pink Blue Plate	F 40130	6	19 July	United Artists Corporation Ltd	Mirisch-Geoffrey-DF, California
Forty Pink Winks	F 40131	6	19 July	United Artists Corporation Ltd	Mirisch-Geoffrey-DF, California
To Russia . . . With Elton	F 40132	40	20 July	ITC Film Distributors Ltd	Witzend Productions Ltd

AMENDMENTS TO THE REGISTER
The playing time of the film 'Whispers Of Fear' (BR/E 38561/25/4/81), registered on 22 April 1976, has been amended to 60 minutes and the renter distributing the film in Great Britain to Brent Walker Film Distributors Ltd.
The registration number of the film 'Smurfs And The Magic Flute', registered on 24 May, has been amended to EC 40042/26/5/84 and the playing time to 73 minutes.

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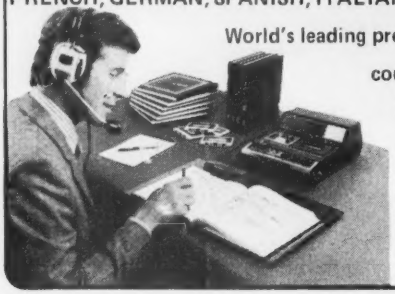

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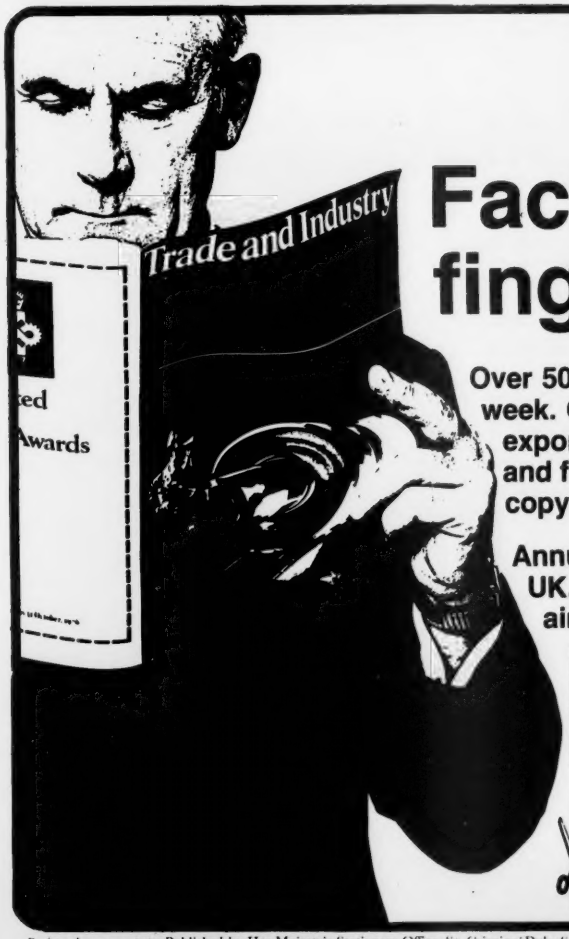

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